Logbook
Brigantine
"REWARD"
1805 – 1806

514

G-1826

Gift of Professor Frederick Slocum,
Middletown,
Conn

THE

SEAMAN's JOURNAL;

BEING

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Brigantine Reward, John Williams Junr Commander from Salem towards Indies.

Reward from Salem — towards Indies

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Friday 22d March 1805
1	"					
2	"					Begins Light breezes and
3	2		E by S.	South		hazy, at 2. P.M. Pidgeon
4	2					Hill, bore N.N.W. 3 Leagues
5	3	1				distant Lat 42° 40' N.
6	5					
7	7					Longitude — 70° 36' W. London
8	8			West		from which I take my
9	8	1				departure.
10	8					
11	8					
12	8					
1	8					
2	8					
3	8			N.W.		
4	8					
5	8					Fine Breezes and clear
6	7	1				cold weather
7	7					
8	5					
9	3					
10	2					Lat. Obs 42° 18' North
11	2					
12	8					

1.—5

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 82° E.	144	20	142	42° 20'	8° W	42	3410	67°26	W.—

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Saturday 23d March
1	8		E by S.	N.W.		
2	8					Smart breezes and clear
3	8					weather, all Hands, unbend
4	7	1				Cables and clear decks
5	7	1				
6	7					
7	6					
8	7					
9	7	1	E. S. E.			
10	7	1				
11	7	1				
12	8					
1	7					
2	7					Fresh Breezes and Cloudy
3	7					
4	7			N by E		
5	6	1				
6	6			N.N.E		
7	6					
8	6					
9	6		S. by E.			
10	5	1		N.E.		Lat. Obs. 41°-23' North
11	5					
12	6					

2.—?

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 72 E.	161	50	153	41°28'	"	265	3°-23'	64°03'	W.—

Steward from Salem. Mass. towards India. ——

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Sunday 24th March
1	6	/	E by E.	N E		Fresh Breezes & Cloudy
2	7		S E by E.	N E by E		
3	7	/	S E by S.			at 6 Took in M. t. G. S. —
4	8					
5	8					and Staysail ——
6	7					at 8 hauled down Fore &
7	7					Staysail and two reef t. Sails
8	6					
9	2					at ½ past 9 haned t. Sails —
10	2		up S E by E	E N E.	2 pts	and f. Staysail and lay by
11	2					
12	2	/	off			under F. Sail. ——
1	2	/	S E by S.			
2	2					
3	2					
4	2					Heavy Gales and rain
5	2					still lying by under F. S. —
6	2					
7	2					
8	2	/				
9	2	/				
10	2	/				
11	2	/				No Observation —
12	2	/				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 37 E	89	71 -	54	40°12'	—	349	1°11'	62°52	West —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Monday 25th March
1	2		up S E	N E by E.	2 pts	
2	2					Heavy Gales with rain
3	2		off			and a heavy sea,
4	2					
5	2				8 pts	at 6 P.M. hauled F. S. and
6	2			—		set balanced Staysail &
7	2		S E by S.			f. t. M. staysail ——
8	2					
9	2					at 8 hauled down f. t. M. Stay
10	2		up E by S			sail and lay by under
11	2		off			
12	2		S E by E			balanced Staysail
1	2	/				
2	2	/	up E by S			Heavy Gales, veered down
3	2	/				
4	2	/	off —			M. H. G. Yards
5	2	/				
6	2	/				
7	2	/				
8	2	/	E S E			
9	2	/				
10	2	/				
11	2	/				No Observation
12	2	/				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 5° W	52	52.	4	39°20	—	345	5 -	62°57	West —

Revere from Salem Mass. towards Indies — 1805.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Tuesday 26th March
1	1	1	Up E N E		8 pts	
2	1	1				Heavy Gales and Hazy
3	1	1				weat. Employed Dry
4	1	1	S. E. —			sail. — at 8 More Moderate
5	1	1				sat. H. S. and H. M. Staysails
6	1	1				
7	1	1				at 10 let reff out of Staysails
8	1	1				
9	5		E S E	N N W.	1 pt	
10	5					
11	5		S E by E.			at 12 sat 2 reefs t. Sails. —
12	5					
1	5	1				
2	5	1				
3	5	1				at 8 A.M. let reefs out t. Sails
4	5	-			None	sat Stay sails, and up
5	5					H & M. t. G. Yards — —
6	5					
7	5					
8	5					
9	5					
10	5					Lat. Obs. 38.° 22' North
11	5					
12	4					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
S 47 E.	85.	58	62	38°-22'	—	407	1° 19'	61 38	West

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Wednesday 27th March
1	3	1	S E by E.	W N W.		Light Breezes and clear
2	3					weather
3	3		E S E.			
4	2	1				at 8 P.M. Calm —
5	1					
6	1	1				
7	1					
8	1					
9	11		Calm -	Calm	-	
10	11					
11	11					at 12 Midnight light Winds
12	11					
1	3		E by S 1/2 S.	S 1/2 E. —		from Southward —
2	3	1				
3	4					
4	4					
5	3	1				light Winds and hazy —
6	3	1				
7	4					
8	4					
9	4	1	E S E. —	S by W.		
10	4	1				Lat. Obs. 37° 48' N.
11	4					
12	4					Correct. -

Course.	Dist.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
S 61° E	63 -	30	55	37°-52'	N. —	462	1° 10'	60°-28'	West. -

Rewaree from Salem, Mass. towards India. —1805—

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday 28th March
1	2	1	E & S.E. —	South		Light Winds and hazy. —
2	2					at 4 dark & gloomy to Westd
3	2			S.W.		with thunder and lightning
4	3	1				and at 5 rain, handed
5	4	1		W.S.W.		Mizn Staysail. t. g. Sails
6	4					Freysail & M. S. at 6 heavy
7	6					showers with hard thunder
8	6					& sheets lightning, at 7 took
9	6	1				2 reefs in top sail.
10	6	1				
11	6					
7. 12	6					
1	6					
2	6	1				
3	6	1				
4	6	1		North		Sat part. Fresh breezes and
5	6	1				flying Clouds sat M & M.t.
6	6	1				M. Stay sails and Freysail.
7	7					
8	7	1				
9	7					Lat. Obs.d 37° 25' North
10	6	1		N.N.E.		
11	6	"		N.E by N.		Comet.
12	6	"				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S.by E	134	25	131.	37°.23'		~~593~~	2° 44'	57°44	W. ——

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Friday 29th March 1805.
1	5		E.S.E.	N.N.E.		Moderate Breezes & clear
2	5	1				Inclined a Ships steerage —
3	5	1		North		South & West ——
4	5	1		N.N.W.		
5	6					All sail set. ——
6	6					Wind veering & hauling
7	5	1				headed her off course —
8	5	1				
9	4					
10	3					
11	3					
8 — 12	4					at 7. A.M. a Brig to
1	4	1				Leward steering to South
2	4	1				& East, at 10 she wore Ship
3	4	1		North		and stood To North & East —
4	0					
5	7					
6	7					
7	7					
8	6	1				Ends Moderate & flying
9	5		S.E.	Full		Clouds, quantity of Gulf
10	5			&		Weed — Lat. Obs. 36°-37' N.
11	4		S by E.	by. —		
12	4	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 64 E	119	52	107	36°-33'-	—	700.	2°13'	55°31'	W. ——

Rewarel – from Salem, Mass. towards Indies. 1805. –

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Saturday 30th March
1	/	/	S.S.W.	S.E.		Light Winds inclining to
2	/	/				
3	/	/	S.W.	S.S.E.		Calm, at 4 P.M. tacked ship
4	/	/				
5	2		E.S.E.	South		a brig in sight. ——
6	2	/				
7	5					at 8 Moderate breezes
8	6					
9	6					and rainy handed M.
10	6					S. M. t. g. S. and at 10 took
11	6				1/point	2 reefs in top Sails &
12	6	.				handed Spreysail ——
1	6					
2	6	1				Fresh Breezes and
3	7	1	East –	full		rainy sat. M. Steysail
4	7	–	E.S.E.	&		at 11. close reef'd top. sails
5	6	1				
6	6	1		by. –		
7	6	"				
8	6	"				Send down T. G. Yards. –
9	6					
10	6					
11	5	1				No Observation ——
12	5					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S84E.	112.	48	109	36°-19'	3/4 lt	889.	2°35'-	53°-26'	West. –

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Sunday 31st March
1	6		E.S.E.	South	1/4. –	Stiff Breezes and dark
2	6					
3	6			S.W.		weather with rain. ——
4	5					
5	5					at Sunset. looks more wild
6	5				1/point	and crazy than I ever
7	4	/				before saw it. —
8	4					
9	2	/				
10	2	/		full	1/2 pt.	at 8. squally & rain
11	2					took in F.t. S. Steysail & M. Stay
12	2					sail at 2 A.M. set them
1	2	/	East			again 10. –
2	2			and	2/point	
3	1	/				More Moderate with a
4	/					short sea let one reef
5	/	/				out t. Sails, and ends
6	/	/		by. –		pleasant weather
7	/					
8	2				1/2 point	Lat. Obs. 36°37' N.
9	2	/				
10	4		E.N.E.			
11	3					
12	2					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N78E	72	15	70	36°34'	3/4 lt-	879.	1°27'	51°-49'	West. –

Rewarce from Salem, Mass. towards Indies — 1805 —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Monday April 1st —
	1		E & E.	S. E.		Moderate Breezes, short sea, and pleasant weather.
	2					
	1	1				
	1	1				
	1	1	N E by N.			
	1	1				
	1	1	S. S. W.	full		at 5 P. M. tacked Ship to South 2° & West 2° —
	2					
	2	1				
	2	1				
	3	"		and		
11	3	.				Wind in flaws. —
	3					at 6 A. M. a Brig just by.
	3					spoke her, from Charleston
	4					& Baltimore for Cape Verd
	4					21 days out. another brig in
	2		South	by. —		sight to the North 2° & East 2° —
	2	1				Ends light airs & pleasant
	1	1				Lat. Obs. 36° 11' N. —
	1			Calm		
	"	"				
	1	1	E S. E.	North		
	1	1				
	2			N E. —		
	2	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 11° E.	91.	36	6.	36° 07'	3/4 pt	886.	7'	51° 42'	West.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Tuesday April 2d —
	3		E S. E.	N. E. —		Light Breezes & pleasant. —
	3			N. N. E. —		
	2	1		North —		all heard sundry Obs. —
	2	1		N. N. —		
	2	1				
	2	1				
	2	1		N. N. N.		both brigs in sight. —
	3					
	3	1				flaws of rain and mod-
	3	1				erate Breezes —
12	3	1				
	4					
	4					
	4					
	4					Moderate Breezes &
	4					pleasant. one Brig in
	5					sight to South 2° & East 2° —
	5					
	6					
	6					
	6					
	6			West. —		
	6					
	6	1				Lat. Obs. 35° 50' N.
	6	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S. 78 E.	99	24	96	35° 47'	3/4 pt	981	1° 59'	49° 43'	W. —

Steered from Salem, Mass. towards India — 1805. -

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Wednesday April 3d —
1	7		E S E. -	West		Pleasant Breezes and
2	7					all sail out. — —
3	7	1		W S W.		at 3 a Ship to South'd
4	7	1				steering North'd & West'd —
5	7			S W.		
6	6	1				at 6 Brig't in sight stee
7	7					ring & bears her own, good.
8	7	1				
9	7	1				
10	7	1		S S W.		
11	7	1				13
12	8					at 7. took in Lee. Steering-
1	8					Sails — —
2	8					Steady Breezes & Clear.
3	8					
4	8					at 4 took in F. t. g. Stay
5	7	1				Sail & royalls & M. t. g. Stay
6	6					
7	6	1		S by W.		Sail & royalls. — — —
8	6	1	E by S	South	—	Brig't still in sight. about
9	7					the same distance off. —
10	7					
11	7					Lat. Obs. 35°-35' N. -
12	7					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 83 E.	174	20	173	35°30'	N. 1/pt	1154	3°32'	46°11'	West.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday April 4th —
1	6		E ½ S.	S by E	½pt	Moderate Breezes & clear
2	6					Brig still in sight. at 6.
3	6					came up with & spoke
4	6					her. Brig Favourite. Robt.
5	6		E by S.			Preble Master 12 days from
6	6		E S E.			Boston for Senegal. —
7	6	1		South	1/pt	at 8 spoke with Brig
8	6	1				took in Flight sails & double
9	6					reef'd T. Sails. 14 -
10	6					
11	6	1				
12	6	1				
1	4	1				
2	4	1				
3	5					Fresh Breezes & squally
4	5					
5	5					with a short sea
6	5		E by S.	S by E		Brig in Sight. unbent reef'd
7	5	1				t. Sails & Courses. —
8	5	1	E ½ S.	full		
9	5			&		
10	5	1	E by S.	by. —	1/pt	Lat. Obs 35°43' N.
11	6					
12	7					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 85 E	137	11	136	35°46'	1/pt	1260	2°48'	43°23'	W.

Reward from Salem, Mass. towards India — 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Friday April 5th
1	5	1	E by S	S by E	½ pt.	Fresh Gales & rainy at 2
2	5		E S E.	South		p.m. Hook in M.t.G.S. Fill &
3	4	1				M.S. 2 reefs in M.t.S & Fresh
4	4	1				at 6 heavy squalls with rain
5	4	1			1 pt.	handed M.t.S. & close reefs.
6	4					M.t.S. & sent down F.t.G.Yard.
7	4					Brigt still in sight. —
8	3	1				at 10 set 2 reefs F.t.S. at 12
9	3					Fresh squalls & rain. —
10	3					
11	3					
15 12	4					
1	4	1				Latter part Fresh Breezes
2	4	1				and thick weather with
3	4	1				rain and a short sea. —
4	4	1				
5	4	1				
6	4	1				No Observation. —
7	4	1				
8	4	1	E by S.			
9	5					
10	5	1				
11	6				1 pt.	
12	6					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 86 E	107.	S.	106.	35° 51'	1¼ pt.	1396	2° 11' -	41-12'	West —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Saturday April 6th
1	4	1	E S E.	South	1 pt.	Fresh Breezes, thick weather
2	4	1				and rain with a short sea
3	4	1				Brigt in sight still. —
4	4					at 8 Sea in some measure
5	4					subsided. — —
6	4					
7	4				½ pt.	
8	4					
9	5		E by S ½ S.	S ½ E		
10	5					
11	5	1				
16 12	5	1				
1	5					
2	4	1				Thick Weather, heavy flaws
3	4	1				of Wind and rain. —
4	4	1				
5	4	1				
6	4	1				No observation
7	5	"				
8	5	"				
9	4	1				
10	4	1				
11	4	1				
12	4	1			½ pt.	

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 85 E	111	10	110	36° 01'	1¼ pt.	1506.	2° 16' -	38-56'	West —

Reware from Salem Mass. towards Indies — 1805 —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Sunday April 7th
1	2	1	E by S.	S by E.	½ pt.	Thick squally weather &
2	2	1				rain. —
3	2	1				
4	3					
5	4		East —	S S E. —		Brigt in sight to Leward
6	4	1				
7	4	1				
8	4	1				
9	4	1	E ½ S.			
10	4	1				
11	4	1				
12	4	1				17
1	5		E S E.	South		Fresh flaws — — — —
2	5					
3	5					
4	5					
5	5	1	E by S ½ S. —			
6	5	1				Moderate Brizes and
7	5	1				Overcast — — — — — — —
8	5	1				
9	5	1				
10	6					
11	6				½ pt	Lat. Obs. 36°26' North
12	6	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
N 79 E	112	22	110	36°23'-	1½ pt	1616	2°17'-	36°39	West —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Monday April 8th
1	5	1	E S E.	South	½ pt	Fresh Brizes & flying
2	5	1				Clouds — —
3	5	1				
4	5	1				
5	5					at 6. Stirkens up, and
6	6		E by S.	Sull		looks dirty, to the West'd —
7	6	1				
8	6	-				
9	7	1				at 12 Midnight Stiff
10	8					Gales and Squalls, hauled
11	8		E by S ½ S.	&	2 pts.	N. N. & Fitto. at 4 hauled
12	9	-				W. W. S. & close reef'd M. T. S.
1	6		S. E.			
2	5	1				
3	3	1	S by E.	by.		
4	3	1				
5	5		E S E. —		1½ pt	Lat. Obt. Wind hauled
6	4	1				to Westward and clear'd
7	4					away moderate.
8	3					
9	3		S. E.		none	
10	4					
11	3		S E by S.			Lat. Obt. 36°42' N.
12	2					

Course	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
N 84 E	115	12	114	36°38'	1½ pt	1730.	2°22'	34-17	West —

Reward from Salem Mass. towards India — 1805 —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Tuesday April 9th
			S.by E.	W.by S.		
1	2	1				Light Airs and pleasant
2	2					
3	1	1				there 24 Hours. ——
4	1	1				
5	1	1				
6	1					
7	1					All Hands. —
8	1					
9	1					
10	1					
11	1					
19 — 12	1					
1	1					
2	1					
3	1					
4	1					
5	1					
6	1					
7	1					
8	1	1				
9	2					Lat. Obs. 36°. 04' North
10	2					
11	2	1				
12	2	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S.32 E	43	36	22	36°06'	1½ W	1753	29' —	33°48'	West.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Wednesday April 10th
			S.S.E.	W.S.W.		
1	2	1				Light Winds and pleas
2	2	1				ant. generally three 24
3	2					hours
4	2					
5	2	1				
6	2	1				
7	2					
8	2					
9	2					
10	2					
11	2					All Hands
20 — 12	2					
1	2	1				
2	2	1				
3	4	1				
4	4	1				
5	2	1				Overcast.
6	3					
7	2	1	S.E.	S.S.W.		
8	2	1				
9	4	—	S.S.E.	West. —		
10	4					No observation
11	4	1				
12	4	1				Comet.

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S.43 E	74	54	50	35°10' N	1½ W	1803	1° —	32°48	West —

Steered from Salem Mass. towards India - 1805 -

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday April 11th
1	4		S. S. E.	W S W.		
2	4					
3	4	1				
4	5					Light Breezes and
5	4					pleasant Weather this
6	4			West -		
7	2	1				24 Hours -
8	2	1				
9	3					All Hands -
10	3					21 -
11	4					
12	4					Overcast
1	5					
2	5					
3	4	1				
4	4					
5	4					
6	4					
7	4					
8	4					
9	2	1				
10	2					Lat. Obs. 34° 04' North
11	2					
12	2	-				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
S 3q E	87	67.	55	34° 03'	N 1½ pt	1858	1° 07' -	31° 41'	West -

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Friday April 12th
1	2		S by E.	South		
2	2	1				
3	4					Light Breezes and
4	4	1				clear weather these
5	4	1				
6	5					24 Hours.
7	4					
8	4					
9	5			West		All Hands.
10	5					
11	5					Large Tide Ripps.
12	4	1		W. S. W.		at 4 A M. Passed a
1	4					
2	3					Vessel steering to the
3	3					Eastward.
4	2					
5	5					Enlarged Sail-Room
6	5					
7	5					
8	4			W. N. W.		Allow Current South
9	3					
10	2					
11	2	1				Lat. Obs 32° 32' N.
12	2					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
S 25 E	102	92	43	32° 32	1½ pt -	1901.	57' -	30° 50'	West.

Rewan d from Salem Mass. towards India - 1805.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Saturday April 13th
1	3		S by E.	N.N.W.		
2	3					Light Airs and
3	2					pleasant. —
4	1	1				
5	2					
6	2					at 7. Breezes from
7	1	1		East		East. —
8	1					
9	1					at 10 P.M. Calm. —
10				Calm.		
11						
23 12						at 4. A.M. black squally
1						-looking weather. —
2						
3						
4						Light breezes and clear
5	4		S by E.	N.N.W.		weather. —
6	5					
7	5	1				Long Swell from North'd
8	5	1				
9	5	1				
10	5	1				
11	6	—				Lat. Obr. 31° 36' North
12	6	—				

Correct Current.

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 28 E	60	53	28	31°-39'	1½ pt	1929	33'-	30° 17'	West. —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Sunday April 14th
1	5		S by E.	N.N.W.		
2	5					Moderate Breezes and
3	5					clear-pleasant-weather.
4	5					
5	5					
6	5					
7	5					Squally to North'd & East'd
8	5					and cloudy pleas brisk
9	5	1				
10	5	1				from that quarter. —
11	5	1				
24 12	6					
1	4	1				
2	4	1				
3	3					
4	3					Moderate Breezes and
5	3					overcast. —
6	3					
7	3	1		North		
8	4					
9	4	1				
10	4	1				
11	5					
12	5			E N E		No Observation

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 28 E	110	96	51	30°- N.	1½ pt-	1980	1°-	29° 17'	West. —

Rewards from Salem, Mass. towards India — 1805 —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Monday April 15th
1	2		S by E.	N.N.E.		
2	1	1		North		
3	2					Light Breezes and
4	3	1		N.W.		
5	3					flying Clouds. —
6	2	1		North		
7	2					Variable Winds. —
8	3	1		N.E. —		
9	3					
10	3					Long-large-Swell from
11	4					North^d & East^d —
12	4					
1	5					25.
2	5					
3	4	1				All Hands
4	4					
5	4			E by N.		
6	4	1				Almost Calm. — —
7	3	1				
8	3					
9	2	1				
10	2		S.S.W.			
11	1	1		E.N.E.	—	Lat. Obs^d 28° 58' N.
12	1	1				

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 27 E	73	65	33	28° 55	N 1½ W	2013	38 —	28° 39	W. —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Tuesday April 16th
1	1		S.W. —	S.S.E. —		
2	"	1				
3				Calm		— Air. — — —
4						
5			S by E.			
6	1			North		Clear weather. — —
7	1	1				
8	1	1				All-Hands. —
9	1	1				
10	1	1				
11	2					
12	2	1				Long Swell. — — 26 —
1	3					
2	3					
3	2	1				
4	2	1				
5	2	1				
6	2	1				
7	2					
8	2					
9	2					
10	2	1				Lat. Obs^d = 28° 21' N.
11	2					
12	1	1				

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 27 E	41	36	18	28° 22'	16° W.	2031.	21' —	28° 18'	W.

Rewards from Salem, Mass. towards India — 1805 —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Wednesday April 17th
1	2		S by E.	N by W.		
2	2	/				
3	3					
4	2	/				Light Breezes & Clear
5	2	/				
6	2	/				
7	3	/				Very large N.E. Swell. —
8	4					
9	4					
10	4					
11	3					
12	3					
1	3			East		Squally with rain. —
2	4			E. & E.		
3	5					
4	4	/				All Hands.
5	3					
6	1	—		NE. to North.		
7	3					
8	3					
9	3					Lat. Obs. 27° 16' North
10	5			E by N.		
11	4					
12	4					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 29 E	81	70	38	27° 11'	NW 1½ pt	2049	43' —	27°-35'	West. —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday April 18th —
1	4		S by W.	S by E		
2	4					Light Variable Winds
3	3		S.S.W.	Variable		
4	3					
5	3		S by W.			
6	3					
7	3					Moderate, unsettled,
8	4					
9	6			S.E. to North		Squally weather. —
10	7					
11	7	/				All Hands. —
12	7	/				
1	4	/	S S W.			
2	4	/				Course. —
3	4	/	S by W.			
4	4	/				
5	5					
6	5					
7	5	/		N.E.		Lat. Obs. 25° 35' N. —
8	6					
9	5	/				
10	7					
11	6	/				
12	6	/				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 7 E.	102	101	12	25° 35'	1½ —	2081.	13' —	2°-22	S 15° 48' E 526 Miles

Reward from Salem, Mass. towards Indies — 1805. —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Friday April 19 —
1	7	1	S by W.	E S E.		
2	8					
3	7					Fresh Breezes and
4	7					clear weather these
5	7					24 Hours. —
6	7	1				
7	7	1				All Hands. —
8	8					
9	8					
10	8					
11	8					
12	8					
1	8					29
2	8					
3	8	1		East. —		Correct, find the Log-line is
4	9					not long enough for Glass. —
5	8					allow 21. Miles. —
6	7	1				
7	7	1				Lat. Obs. 22° 49' North
8	8					
9	8					
10	8					
11	8					
12	8					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
									St. Anthony
S E	167	166	14	22° 49'	16° —	2095	14'	27-08	S 21° 09' E. 364 Miles

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Saturday June 29 —
1	7		S by W	E by S.		
2	7					Fresh Breezes and flying
3	7					Clouds with frequent
4	7					squalls this 24 Hours. —
5	7					
6	7					at 5 P. M. a Sail
7	7					ahead, passed by under
8	7					our Lee, a Galliot, shewed
9	7					a Blue Flagg and stood
10	7					about North. — —
11	7	1				30 —
12	7	1				
1	6	1				
2	6	1				
3	7					
4	7					
5	7					
6	7					
7	7					Correct. overmarked. —
8	7					
9	7					Lat. Obs. 26° 16' North
10	7					
11	7					
12	7					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
									S. Yago.
S E	162	161	14	26° 08'	16° W.	2109.	15'	26° 53'	S 30° 36' E. 388 Miles

Reward from Salem, Mass, towards Indies — 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Sunday April 21st
1	7	/	S by W.	E.S.E.		Fresh Breezes and
2	7	/				pleasant weather thro
3	7	/				24 Hours
4	7	/				
5	7	/				All Hands. —
6	6	/				
7	7					Hazy. —
8	7					
9	7					Great Numbers of Birds
10	7					
11	7					about. —
12	7					
1	7					
2	6	/				
3	6	/				
4	6	/				
5	6					
6	6			E by N.		
7	6	/				
8	6	/				
9	7					Lat. Obs. 17° 30' North
10	7	/				
11	7	/				
12	8					

31

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist. St. Anthony
S 5 E	165	164	11	17° 26'	15° W.	2126	11' —	26° 42' W.	S. 77° 09' E. 112 Miles

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Monday April 22d
1	7		S by W.	E by N.		Fresh Breezes & pleasant
2	7					weather tho' very hazy
3	7					at 2. P. M. saw the Island
4	8					of St. Anthony; N.W. point
5	7		S W by S.	N E by E.		bearing S.E. distance 6½ or 7 Leagues
6	6	/				at 4 the same point bore
7	6					E by S. 5½ Leagues from which
8	4					I take departure. —
9	5		S S W. —			Variation observed Amp. 14° 15' W. —
10	5	/				— Very Hazy. —
11	6					
12	6					
1	5					
2	4					
3	4					
4	4					
5	5					
6	5	/				
7	6					
8	6					
9	7		S by W. —			
10	8					
11	8					
12	8					Lat. Obs. 15° 20' North

32

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist. St. Yago.
S 5½° W.	115	104	11	15° 21' -	14° W.	2131.-	— 12 -	25° 30' W.	S. 70° 03' E. 129 M. -

Brig Ann from Salem, Mass. towards Indies — 1805.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Tuesday April 23d
1	7	1	S S E	E by N		
2	7	1				Fresh Breezes and hazy
3	8					Weather. ———
4	8					
5	8					
6	8					All Hands. ——
7	8					
8	8					
9	8					
10	4					at 10 P.M. Moderates. —
11	3					
12	3					Swell from Southeastward 33
1	3					
2	3					
3	2	1				
4	2					Fred[k] W. Johnson was this day
5	2					
6	2			East		guilty of disorderly and mutinous
7	2					conversation & conduct. ———
8	2					
9	2	1				Lat. Obs. 13° 42' North
10	4					
11	5					D[r] Zen. Dis. 1°-13' North. —
12	6	-				

Course.	Dist.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
									S[t] Yago.
S 34 E	117	97	65	13°43'-	13° W-	2196	1°-07'	24°-23'	N 48°-33' E 75 Miles.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Wednesday April 24th
1	7		S. S. E.	E by N.		
2	7					Fresh Breezes and hazy
3	6					Weather with flying Clouds.
4	6					
5	5					
6	6					All Hands. —
7	6		S S E ½ E -			
8	6					
9	7		S E by S. —			Appearance of a Current
10	7					to South[d] & Westward
11	6	1				
12	6	1				34
1	7					
2	7					D[r] Zen. Dis 1°-10' South
3	7					
4	7					
5	7			N.E.		Allow a Current to West[d] —
6	7					
7	7	1				
8	8					
9	7					Lat. Obs. 11°-39' North
10	6	1		N E by E. -		
11	6	1				
12	6	1				

Course.	Dist.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
S 39 E.	154	120.	97.	11°42	13°-11.	2293	1° 39'	22°-44'	West -

Reward from Salem, Mass. towards India, 1805—

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Thursday April 25th
1	6	1	S Eby S.	N Eby E.		Fine Breze and pleas-
2	6					ant weather. ——
3	6					
4	5	1				All Hands
5	5					
6	5					Moderate and passing Clouds
7	5	1				
8	5	1				
9	4	1				
10	4	1				
11	3					
35 12	3					
1	3					
2	3					
3	3					
4	2	1				
5	3		East to N.E.			
6	3					
7	3	1				
8	4					
9	5					Lat. Obs. 10° 17' North
10	5					
11	5					
12	5					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 40 E	105	80	67	10° 19'	12° W.	2360	- 68. -	21°-36'	W. Lon.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Friday April 26th
1	4	1	SE by S.	N.E. to North		
2	4	1				Pleasant Breezes & flying
3	5					Clouds. —
4	5					
5	6					All Hands
6	6					
7	5	1				at 5. P.M. a sail in sight
8	5	1				on the Larboard Quarter
9	5					
10	5					Strong Tide Rips, heavy Current
11	5					setting some where! —— ——
35 12	5					
1	3			Calm		
2	2	1				
3	2	1				
4	2	1				
5	3					
6	4					Allow 10 Miles set to West'd
7	4					
8	4					
9	3					
10	3					Lat. Obs. 9° 08' N ——
11	3					
12	3					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 41 E.	95	70	60	9° 07'-	1 point W.	2420	- 61 -	20°-35	West. —

Steward from Salem, Mass towards India. 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Saturday April 27th
1	4		S.E. by S.	N N W		
2	4			to		Light Breezes and clear
3	3	1				
4	3	1		N E. –		weather
5	3					
6	3					
7	2	1				All Hands. –
8	2	1				
9	4					
10	4	1				
11	5					
12	5					37
1	6					Fine Breze. ——
2	6	1				
3	6	1				
4	7					Comet, allow Current West
5	5					
6	5					
7	4					
8	3	1				Lat. Obs. 87°51' North
9	4					
10	4					
11	4					
12	4					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 20 E.	105	80	67	7°48'	1 Pt.	2487	68-	19°27'	West –

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Sunday April 28th
1	5		S E by S.	North		
2	5					
3	6			N.N.E.		Pleasent Breezes and
4	6			N E.		
5	6	1				Overcast
6	7			E N E		
7	6	1				
8	6					Amazing Number of Fish
9	6					
10	6					about. Viz. Barracoudas
11	6	1				Albicores, Bonetas Skipjacks 38
12	6					Sharks &c. ——
1	3					
2	3					
3	3	1				All Hands
4	4					
5	6	1		N N E.		
6	6	1				Comet, overmarked ——
7	7					
8	7					
9	5	1				
10	4.	1		North		Lat. Obs. 6°29' North
11	4					
12	4					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 45 E	115	81-	81-	6°30'-	1 Point	2568	1°22	18°05'	West –

Reward from Salem Mass. towards India — 1805 —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Monday April 29th
1	5	/	S by W.	N.W. —		
2	5	/				Light Breezes &
3	6			to		pleasant, clouds Rays
4	6			North		from Southward and
5	5					looks squally in that
6	5					quarter, also distant
7	5					Thunder. — —
8	5					
9	4	/				
10	4	/				Light Winds & variable. —
11	4	/				
29 12	4	/				
1	4	/		W.N.W		
2	4	/				All Hands.
3	4					
4	4					
5	3					
6	3					Boor markeel
7	3					
8	3			N by W.		
9	2	/				Lat. Obs Indif. Obs. 5° 2' N.
10	2	/				
11	2					
12	2			N.N.E.		

Course.	Dist.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 2 W.	91	91	2.	4°-58'	9° W'ly	2565	— 3'	18°8'	West. —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Tuesday April 30th
1	2		S by W.	N.N.W.		
2	2					
3	3					
4	3	/				Light Breezes & cloudy
5	4			N by W.		
6	4	/				
7	3					
8	3					
9	3					
10	3			variable		squally with rain
11	3					
40 12	3					
1	3					Water-thick with Jellies
2	3					
3	3					
4	3					Winds in squall came to
5	3					E.S.E. but hauled back to
6	3			E S E		North'd & West'd as soon as over.
7	3			N.W. —		
8	3					
9	3					
10	3					Lat. Obs 3°56' N. —
11	2	/				
12	2	/				

Course.	Dist.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 2 W.	70	70	2	3° 52'	9° W'ly	2563	— 2	18°10'	West

Reward from Salem Mass. towards India 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Wednesday May 1st
1	2		S by W	N. W.		
2	2					Light Winds and exceeding warm.
3	2					
4	2					
5	1	1		variable		
6	1	1				
7	1					Great many Fish about.
8	0	—		Calm		
9						
10						Calm
11						
12						
1						41
2						
3						
4						
5	1	1				Light Airs & Warm
6	1	1				
7	1	1		Airs from		
8	1	1		North'd.		
9	1	1		Calm		
10						Lat. Obs 3°38' N.
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 21 W.	221	21	—	3°35	9°W	2563	—	18°10	West

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Thursday May 2d
1	"	1	Sby W.	W.N.W.		
2	"	1				Begins Light Airs & clear.
3	.	1				
4	1			West.		
5	3					
6	3	1				Distant Thunder & lightning.
7	4					
8	4					
9	4					
10	4					
11	4	1				Albicores about.
12	5		South			42
1	4					
2	3	1				Squalls of Rain.
3	3					
4	3			NE to West.		Lun. Obs. in Long. 18°4'30" W. by Chronometer.
5	3					
6	3					
7	2	1				
8	2				*	
9	2					
10	2		Calm	Calm		Lat. Obs 2°56' South
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 5 E.	42	42	4	2°56'	9°W	2567	4 -	18°06'	West

Rewarded from Salem, Mass. towards Indies — 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Friday May 3d
1				Calm.	—	
2						Begins — Calm. —
3	1	1	South	West		
4	2					at 2 light Airs from West.
5	4	1	S by W.	North		
6	4	1				
7	2	1				Continual Squalls, during
8	1	1				the Night. with an a-
9	3					mazing fall of rain. —
10	3	"				
11	2					
12	3			N.W.		at 2 A.M. Shower with
1	2		South —	West. —		heavy Thunder and very
2	2		S.E. —	S.S.W.		sharp Lightning. —
3	2					
4	2	1				
5	5		S by W.			I think she is overmatched
6	5					
7	5					and greatly owing to Current
8	2	1				
9	2					
10	1					Lat. Obs. 2° 22' North
11	1					
12	1					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 6 E.	36	36	3	2° 20'	1 point.	2570.	— 3	18° 03	West. L.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Saturday May 4th
1	"	"	S by E.	S W by W		
2	1					Begins, Light Winds from
3	1	1	S. E by S.	S W by S.	—	
4	1	1				South & West and increas
5	3	1	S E ½ S.			to a fine Breeze & pleas-
6	4					
7	3	1	S E by S.			ant weather. —
8	3					
9	4		S			
10	4	1				
11	4	1				
12	4					
1	3	1				Light Breezes & rainy.
2	3	1				
3	2	1	S by E.	W S W.		
4	2	1	S by W.	West.		
5	3					Course
6	3					
7	4					
8	4					
9	3					
10	3					Lat. Obs. 1° 37' N. —
11	3					
12	3					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 32 E	59	50	31	1° 32'	1 pt —	2598	31'	17° 32'	West. —

Steward from Salem Mass. towards India — 1803 —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Sunday May 5th —
1	4		S by W.	W by S.		
2	4					Light Winds and cloudy
3	4			W N W.		
4	4			N. N. W.		
5	4		South			at 4 rain —
6	4		S. S. E.	S W.		
7	4					
8	3		S by E.			
9	3					
10	3					At 12 Midnight heavy rain
11	3					
12	3					45
1	4		S by W.	East		
2	4					
3	4			North		
4	11		———	Calm		Steady rain —
5	11					
6	11					Swell from South. —
7	11					
8	11					
9	11					
10	11					No Observation. —
11	11					
12	11					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
S by E	84	84	12	43'	1 point	2612	12	17°20'	West.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Monday May 6th —
1	2	1	W by S	S by W.	½ pt —	
2	3		S. S. E.			Begins Light Winds from
3	3	1	S E. by S. ½ S.	fresh		S. W. and cloudy with
4	3			&		a heavy squall flying in
5	2		S E. —	by. —		the S. E. quarter. —
6	1		E. S. E. —	South		
7	2		S. E. —	S. W. —		
8	11		———	Calm —		
9	11					
10	2	1	S E by S.			
11	3					
12	3					40
1	2					
2	1	1				
3	1	1				at 7 A. M. Squally —
4	1	1				&
5	1	1	E by S.	S by E.		
6	1	1				
7	3		S W by W.			
8	4					
9	3					Lat. Obs. Indif 4' North
10	5					
11	4					
12	4					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
South	38	38	—	5' N.	1 point	2612	—	17°20'	West —

Steered from Salem. Mass. towards India 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Tuesday May 7th
1	3		S.W. by W.	W. by S.		
2	2					Light Winds and Cloudy
3	2	1	S.W. by S.	S.E. by S.		
4	4		S.S.W.	S.E.		
5	3		S.W. by S.	S.E. by S.		
6	3					
7	3	1				
8	3	1				Squally.
9	3					
10	3					
11	3		S.W. by W.	S. by E.		Long. Large swell from South
12	3					
1	4					Trade-Wind.
2	4					
3	4	1	W.S.W.	South		
4	5					
5	4	1				
6	4	1				
7	4					
8	4					
9	4					
10	3	1	S.W. by W.	S. by E.		Lat. Obr. 1°.06' South
11	4					
12	4					

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Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S.35 W.	86	70	49	1°.06' S.	1pt. W.	2563	49' W.	18°.09' W.	W.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Wednesday May 8th
1	3	1	S.W. by S.	S.E.		
2	3	1				
3	4					Light Winds & Clear
4	4	1	S.W.	S.S.E.		
5	3	1				Large Swell from S.E.
6	3		S.W. by S.	S.E.		
7	4					
8	4					
9	4	1	S.W. by W.	S. by E.		Passing squalls with
10	4	1				rain, which kill the
11	5					wind for a short time.
12	5					
1	5					
2	5					Fine Days & Nights
3	5		W.S.W.	South		
4	4					
5	4		S.W.	S.S.E.		
6	4	1				
7	4	1				Current allowed South
8	5					
9	5					Lat. Obr. 2°.44' South
10	5					
11	4					
12	3	1				

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Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S.32 W.	111	94	59	2°.40' S.	1pt. W.	2504	59' W.	19°.08' W.	W.

Steered from Salem. Mass. towards Indies. 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Thursday May 9th
1	3		S.W by W.	S by E.		
2	2	1				
3	2	1	S.W ½ W.			Light Breeze and
4	2	1				
5	3	-	S.W by S.	S.E by S.		scattering Clouds
6	3					
7	4					
8	4	1				
9	4		S.W ½ S.	S.E		Long Swell from S.E.
10	4					
11	4		S.S.W.	S.E.		
12	4					Great Numbers of Birds
1	4	1				
2	4	1				about.
3	4	1	S.W.	S.S.E.		
4	4					
5	4		S.W by S ½ S.	S.E by S.		
6	4					Current allowed South
7	3	1	S.S.W.	"		
8	3	1				
9	3					
10	6					
11	3	1	S by W.	S.E by E.		Lat. Obs. 4°20' S.
12	3	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 17° W	98	94	29	4° 18	1 pt W	2475	W 29	19 39'	West

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Friday May 10th
1	3		S.S.W.	S.E.		
2	3					Moderate Breez and
3	4	1				
4	3	1				pleasant, with the swell
5	5		S.W by S.	S.E by S.		
6	5	1				continuing. —
7	5	1				
8	5					at 7. P.M. a Squall. —
9	5					
10	5					Variation Obs'd Amp. 12°33' W. 50. —
11	5					
12	5					
1	5					Fresh Trade & pleasant. —
2	5					
3	5	1				A sail in sight ahead of us
4	5	1				
5	5	1				
6	5	1				
7	5					
8	5					
9	6					
10	7					
11	7					Lat. Obs. 6°14' South
12	6	1				

Course	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 23 W	127	116	49	6° 16' S	12° W	2426	- 50'	20°-27'	West

Steered from Salem, Mass. towards India — 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Saturday May 11th
1	6		N.W. —	S.S.E.		
2	6					Pleasant Trades and fine
3	5	1				Weather. — The Ship
4	5	1				
5	5	—				at 4 P.M. fired a Gun for us
6	4		Lye by for Ship.		—	to heave too, at 5 sent her boat
7	3		S.W. by W.	S by E		along side, and ordered the
8	6		S.W. —	S.S.E.		Captain aboard with his pa-
9	6					pers; went on board, Ship John
10	6					& James, Henry Folger, Commander
11	6					58 days from England on a
12	6					Whaling voyage, carrying 22
1	7		S.W.½S.	—		Guns, at 6 returned and sent
2	7					a Cask of Wine on board, by his
3	7					desire; was treated politely. —
4	7					Fresh Trades & pleasant. —
5	7					
6	7					
7	7					
8	7					
9	7		S.W. —	S.S.E.		
10	7					
11	6					
12	6					Lat. Obs. 8° 06' South

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S.34 W.	140	116	78	8°10' S	1 pt W	2348	1°19 W	21°46' W	W.t —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Sunday May 12th 1805
1	6		S.W. by S.	S.E. by S	½ pt.	
2	6					Pleasant Trade & flying
3	6					Clouds. —
4	6		S.S.W.	S.E.		A sail in sight ahead of us.
5	6					
6	5	1	S.W. by S.	S.E. by S.		Stand.g. South & West
7	6					
8	6					
9	6					
10	6					
11	6	1				Smart Trade & Squally
12	6	1				
1	6	1				
2	6	1				
3	6	1	S.S.W.	S.E.		
4	6	1				
5	6	1				
6	6	1				
7	7					
8	7	1				Lat. Obs. 10° 25' South
9	7					
10	7					
11	6				½ pt.	
12	6					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S.22 W.	151	140	57	10°26' S	1 pt W	2291	59 W	22°45' W	W.t

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Steward from Salem Mass^s towards India — 1805.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Monday May 13th
1	6		S.W by S.	S.E by S.	1/4 pt	
2	6		S.S.W.		None	Fresh Trade & pleasant
3	6					
4	5	1				weather these 24 Hours
5	6					
6	6					
7	6		S.W by S 1/2 S.	S.E.		
8	7					
9	6	1				
10	6	1				
11	6					
12	6					
1	6					
2	6					
3	6					
4	6		S.W by S.		1/4 pt.	
5	6					
6	6					
7	6	1				Lat. Obs 12° 49' South
8	7					
9	7		S.W by S 1/2 S.	S.E by E.		
10	7					
11	7					
12	7					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
Sig pt.	180	142	48	12° 47'	1 1/4 pt.	2243	49.	23°34'	West

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Tuesday May 14th
1	6		S.S.W.	SE by E		
2	6					
3	5	1	S by W.	E S.E.		Fresh Trade and flying
4	5	1				Clouds
5	6					
6	6					
7	6					
8	6					
9	6					Squally. — —
10	6					
11	6					
12	6					
1	6					
2	6					
3	6					
4	6					
5	6	1				
6	7					
7	6	1	S 1/2 W. —			
8	6					
9	7					Lat. Obs. 15° 18' South
10	7					
11	7					
12	7					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
South	149	149	—	15° 18' S.	3/4 Point	2243	— —	23°34'	West.

Steward from Salem, Mass. towards India — 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Wednesday May 15th
1	7		S by W.	E.S.E.		Fresh Trades & Squally
2	7		S.S.W.			Weather
3	7					
4	7					
5	6					
6	6					at 2 P.M. Parted one of
7	6	1				the Larboard F. t. M. Back-
8	6	1	S.W. by S.	S E by E.		Stays, Carried him anew
9	6	1	S.S.W.			so that he will answer.
10	6	1				
11	5	1				
12	5	1				
1	5					
2	5					Squally with light rain
3	4	1				
4	4	1				
5	5					
6	5					
7	6					
8	6	1				No Observation
9	7					
10	7					
11	7					
12	7					

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Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 16 W.	148	140	40	17° 39' S.	1/2 1st E.	2203.	42' -	24° 16'	West.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday May 16th
1	6		S W by S.	S.E. -		
2	6					Fresh Breezes & dirty,
3	5	0	S.W. -			rainy weather — — —
4	5	0				
5	6	1	S W by S.	S E by S.		took one reef in Top Sail, hand-
6	7					ed up. M. S. & lowered down
7	6		S.S.W.			trey sail; at 12. Midnight
8	6					sat M. S & Frey-sail — —
9	7		South	East. -		
10	8					
11	7	1				
12	7					
1	5	1				
2	5					
3	5	1				Squally. with rain. —
4	5	1				
5	6					
6	6	1		E by S.		
7	6	1				
8	6	1				
9	6					
10	5					No Observation
11	5					
12	6					

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Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 6 W.	139	138	14	49° 57' S.	1/4 W.	2189	14 -	24° 30'	West.

Steward from Salem, Mass, towards India — 1805 —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Friday May 17th —
1	5	1	South	E by S.		
2	5	1				
3	5	1	S by W.	E.S.E.		Pleasant Breez and
4	5	1				clear weather
5	6					
6	6					
7	6		South	varies		
8	6					
9	6		S by E.	East. —		at 1 AM. squally. —
10	6					
11	6					
12	6					
1	6	1				
2	6	1				
3	6	1				Fresh Breez & pleasant. —
4	6	1				
5	6	1				
6	6	1				
7	6		South	E by S.	-	
8	6					
9	7		S by E.	—		Lat. Obs. 22°26' South
10	7	1				
11	7	1				
12	7					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 10 E.	149	146	26	22°-23'	About 5° W.	2215	28'	24°-02'	West

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H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Saturday May 18th —
1	7		S. by E.	East. —		
2	7					
3	7					Stiff Breezes and
4	7					flying Clouds. —
5	7	1				
6	7	1				
7	7					
8	7					
9	7	1	S.S.E.			
10	7	1				
11	7	1				
12	7	1				
1	5					
2	5					Moderate & clear. —
3	5					
4	5					
5	4					
6	4					
7	4					
8	4	1				
9	6					Lat. Obs. 24°44' South
10	7		S E by S.	E N.E.		
11	7					
12	6					

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Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 23 E.	148	136	58	24°-42'	4°-all 2	2273	1°-03'	22°-59'	West.

Steward from Salem. Mass. towards India — 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Sunday May 19th —
1	6	1	S Eby S.	E N E.		
2	6					Fine Breezes & clear
3	5	1				pleasant weather. —
4	5	1				
5	6					
6	6	1	S.S.E.	East. —		Variation Evg. Amp 6°17' W
7	6					
8	5	1	S E by S.	E. N. E.		
9	6					
10	6	1				
11	6	1				
12	6	1				
59. 1	6	1				Squally & fine Rain. —
2	6	1				
3	6	1				
4	6	1				
5	6					
6	6					
7	5	1	S E. —	N E.		Moderate. & clear —
8	5	1				
9	6					
10	5	1				Lat. Obr. 26°31' South
11	4					
12	4					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 40 E	141	108	90	26°32'	½ point W	2363	1°40'	21°19'	West. —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Monday May 20th —
1	3		S E.	N E by E		
2	3	1				Light Winds & clear
3	3	1				
4	4					Weather
5	4					
6	2					
7	2					
8	2					
9	1					
10	1					
11	1					
60 12	1					
1	1					
2	1	1				Allow Current South ½ knott
3	2					p.r hour.
4	2					
5	2			N E by E		
6	2					
7	2	1				Lat. Obr. 27°17' South
8	2					
9	3					
10	3					
11	3	1				
12	3	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 43 E	63	46	43	27°17' S.	½ point.	2406	48'	20°31'	West. —

Steered from Salem, Mass. towards India — 1805. —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Tuesday May 21st
1	2	/	S.E. —	North		
2	2					
3	/	/				
4	/	/				Light Winds and clear
5	/	/				
6	/	/		N.W. —		Weather these 24 Hours
7	2					
8	2					
9	2	/				Heavy Dew. ———
10	2	/				
11	3					Large Swell from S.W. 61 —
12	3					begins to make. ———
1	3					
2	3					
3	3					Long. by Lunar Observation
4	3					
5	3					O & D at 10 A.M. makes 21° 30' W. L.
6	3					
7	3	/				
8	3	/				
9	3					
10	3		*			
11	3					Lat. Obr. 27° 57' South
12	2	/				

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 50 E.	62	40	47	27° 57'	2 point.	2453	— 53' —	19° 38'	Sun. 21° 25' —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Wednesday May 22d
1	3		S.E. —	N by W		
2	3					
3	3					
4	3					Moderate Breezes and
5	2	/				
6	2					overcast. ———
7	2	/				
8	2	/				
9	2	/				dirty to the Westward
10	3					
11	4					62
12	4			North —		
1	4	/				
2	4	/				Clear Weather and
3	4	/				
4	4	/				smooth sea. ———
5	4	/				
6	4	/				Long. by Lunar — 21° West London
7	4	/				
8	5					Steerage to Course. —
9	5		*			
10	6					
11	6					Lat. Obr. 28° 49' South
12	6	/				

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 54 E	95	56	77	28° 53'	½ point.	2530	1° 27' —	18° 11'	West.

Rewarel from Salem, Mass. towards India — 1805.—

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday May 23d
1	8		S E b —	N N E		
2	8					Moderate Breezes and
3	8					Flying Clouds. —
4	8					
5	7	1				
6	7					
7	7					Fresh Breezes.
8	7					
9	7					
10	7					
11	7					
12	7					
1	7					L. F. M. & F. G. Study. Sails. —
2	7					
3	7					
4	7					Overcast.
5	7	1				
6	7	1				
7	7	1	S E by E			Too of Course
8	8	1				
9	7	1				
10	7	1				Lat. Obs. 30°-22' South.
11	8					
12	8	1				

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Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 56 E	178	100.	147.	30°-29'	7° all E	2677	2°-50'-	15°-21'	W. —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Friday May 24th
1	8	1	S. E. by E.	North.		
2	3	1				Fresh Breezes & overcast.
3	8			N. N. E.		
4	8					
5	8	1				at 5 handed Study. Sails
6	9			N. N. W.		at 8 " F. & Sail & royals
7	8	1				at 10 double reefs F. Sail and
8	8	1				handed M. S & Fib. —
9	9					
10	9					Stiff Breezes & Squally. —
11	8	1				
12	8	1				First Cape Pidgeons, are
1	8					seen this day. —
2	8					
3	8					Wind unsteady with
4	8					rain. — in abundance.
5	8	1				
6	8	1				
7	8					
8	8			N N W.		Allow the Course 6 Points
9	4					for Broaching too. —
10	5					
11	6			N N W.		No Observation. —
12	8					

64

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 67 E	190	74	175	31°36 L	8° all E	2852	3°-21'	12° W.	

Steward from Salem, Mass. towards India — 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Saturday May 25th
			S E by E.	N N W.		
1	6					Fresh Breezes and
2	6					rainy. —
3	6					
4	6					
5	5					
6	5			N N W		Dirty squally night.
7	6			to		
8	6	1		W N W.		Albatross' &c. —
9	5					
10	5					
11	5					
12	5	1				
1	5	1				Long. by mean of two
2	5					Lunar. Obs. 1st at 9h 10' = 12° 24' W
3	6					2d at 10-49' = 12° 19'
4	5					1h 39' dif. Time 5. dif. Lon.
5	5	•				equal to 12° 15' W. at Noon. —
6	5					
7	5					
8	6	-	E S E.	W N W.		Swing of Ship to Correct. —
9	5			—		
10	5		*			
11	4					Lat. Obs. 32° 11' S. —
12	4					

65

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
S 71 E	122	40	115	32° 16'	8° all	2957	2° 16'	9° 44'	W.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Sunday May 26th
			S E by E 2 E. West. —			
1	4					Light Breezes and
2	4					pleasant. —
3	4					
4	4					
5	3					
6	3					
7	3					
8	3					
9	3					
10	2					
11	2					
12	2			W N W.		
1	4					at 11 A. M. saw a Sail ~~to~~
2	4					bearing E N E. steering Eastward.
3	4					
4	4					
5	4					
6	4					
7	4					
8	4					
9	4	1				Lat. Obs. 32° 32' South
10	5					
11	5	1				
12	5	1				

66

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
S 74 E.	92	25	88	32° 36' S.	1/3 tab.	3053	1° 44'	8° W.	10° 31' Lunar.

Reward from Salem, Mass. towards Indies - 1805-

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Friday May 31st
			S Ely E	S.S.W.		
1	3					Begins with light
2	3					Winds and flying
3	3					Clouds. —
4	3					
5	3					
6	3					
7	2					
8	1					
9	—	-	Calm.	Calm.		at 9 P.M. Calm. ——
10	—					
11	—					
12	—					
1	—					at 4 A.M. light Airs
2	—					from Easterly - veered
3	—					
4	—					
5	2		S Ely E.	N.E.-		at 8 A.M. Fresh Breezes
6	3					& cloudy. ——
7	8					
8	6	1				at 10 single reef'd t. Sails
9	7					handed ups M.S. — Fresh
10	7					Breezes & thick weather
11	7	1				
12	7	1				No Observation

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S.7 E.	- 67	- 16	65	35°-12'	S. 17° all	350	1°-20'-	3°-54' E.	1°23' Lee

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Saturday June 1st
			S.E. by E.	N by E		
1	7					Moderate Gales with
2	7					thick, rainy weather. —
3	7					
4	7					
5	7	1		to		
6	7	1				
7	7	1				Middle part. — Heavy
8	8					Squalls of Wind & rain
9	9			N by E		
10	9	1				
11	9	1				at 4. A.M. Hail —— ——
12	9	1		to		
1	9	1				Short ugly sea and
2	9	1				She rolls heavy. - ———
3	9	1				
4	9	1				at 8 double reef'd t. Sails
5	9	1				and clued them up at 9
6	9					set them again.
7	9			N by E		
8	9					Squalls of Hail & very Cold
9	7					
10	7	1				Lat. Obs. 35°40' N°
11	8					
12	8					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 81 E	200	31	196	35°43'	S 19° all	3703	4°—	7°-54' E	5°23' Lee

Steward from Salem Mass. towards India — 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Sunday June 2d
1	8		E.S.E. —	W.S.W.		
2	8					
3	8			to		Squalls every 20 or 30
4	8			W.N.W.		Minutes during these
5	8					24 Hours with hail &
6	7					rain
7	7					
8	7					Short sea.
9	7	1				
10	8					Very cold for the Latitude
11	7	1				
12	7					Rolls heavy. — —
1	7	1				
2	7	1				Wind very unsteady, veers
3	6					and hauls continually 3
4	6					or 4 points. — — —
5	7					
6	8					Ends fresh Gales and
7	8					squally. —
8	7					
9	9					
10	9					
11	9					
12	9			Ship Swings greatly.		Lat. Obs. 35°42'

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 89 E	174	3	174	35°43'	22°-au	3877	3°36'-	11°30'	E 9° E. 2

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H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Monday June 3d
1	8		E.S.E.	W.N.W		
2	8					
3	8			to		Begins fresh Gales and
4	8					squally. —
5	8			N.N.W.		
6	8					
7	7					
8	6	1				Now Moderate & clear. —
9	6					
10	6					
11	6					
12	6					
1	6					Light Winds and large
2	6					swell.
3	6			North		
4	6					
5	5					Fresh Breeze & flying
6	4			to		Clouds. —
7	4					
8	3			N.W.		
9	4	1				
10	6					Lat. Obs. 35°49' S. —
11	6	1				
12	7					

74 —

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 87 E.	145	7	145	35°49' S	2 points	4022	3° —	14°30	E. 12° Lin.

Rewarel from Salem, Mass. towards Indies — 1805 —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Tuesday June 4th 1805
1	5	1	E.S.E.	North		Begins Moderate Breezes, large-swell, and clear weather. —
2	4	1				
3	4					
4	3		*			
5	3					Long. by Lunar at 2h 29' P.M. makes her in 11°57'-15" East London at that hour. —
6	3					
7	3			N.N.W.		
8	4	1		South.		
9	6	1				
10	6	1		S.S.W.		
11	6	1				at 7. P.M. squally took in light sails & double reef'd
12	6	1				Top sails & Trysail. —
1	9			S.W.		
2	9					
3	8			West -		Stiff. Breezes, and flying Clouds - with a short sea.
4	8					
5	8			to		
6	8					
7	8			S.W.		Ends Fresh Gales & squally
8	8					
9	9			to		
10	9					Lat. Obs. 35° 47' South
11	9			West		
12	9					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 89 E.	158	3.	158	35° 46' S.	23½°-all E	4180	3°-15'	17°-45' W	15°15' Lun.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Wednesday June 5th
1	9		S.E. by E	S.W. by S.		
2	9					Moderate Gales & squally
3	9					with a Short-sea —
4	9					
5	9					
6	8	1		S.S.W.		saw a Manks Gull or Petre
7	8					
8	8					
9	8					Middle part quite Moderate
10	6					
11	5					
12	3					
1	3			to		
2	3					
3	4					Clear & pleasant. —
4	4					
5	2					
6	2					
7	2	1				
8	3					
9	5		E by S½ S.	South		
10	7					
11	7					Lat. Obs. 36°-01' South
12	6					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 84 E	140	14	139	36°-01'	25°—	4319	2°52'	20°37' E	18°-07'

Journal from Salem. Mass. towards India - 1805.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Thursday June 6th
1	5	.	E. by E.	S by W.		
2	5	.	S.E. by E.	S.S.W.		Light Winds and pleasant
3	4					pretty large Swell
4	4					
5	4					
6	4	.	E. S.E.	S. by W.		
7	4	.	S.E by E½E.			
8	4					
9	4					
10	4					Water a little discoloured
11	4					
12	4					
1	4					
2	4	.		West.		
3	4					
4	5					
5	6	.		W.N.W.		
6	6					
7	6					
8	6					Lat. Obs. 35°52' South
9	7					
10	7					
11	7	/				Steerage
12	7	/				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S.W.b.S	120	8	120	35°-53'	25°-	443	2°-28'	23°-05	20°-35'

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Friday June 7th
1	7		S.E. by E½E.	W.N.W.		
2	7					Fresh Breezes & Squally
3	7	/		to		with rain
4	7	/				
5	8					Short irregular sea
6	7					rolls very heavy and
7	9					I think there is a
8	9					Current. —
9	9					Middle part, Moderate
10	9					Gales & rain, double reef
11	9					t. Sails, —
12	9					
1	8					Ends, Fresh Breezes & pleasant.
2	7					
3	7					
4	7					
5	7			West.		
6	7					
7	7					
8	7					
9	7					
10	7					Lat. 35°51' S.
11	7					
12	7					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
East	182	1.	182	35°51	27°-ast	4621	3.°-40'	26°45'	24°15' E.

Steered from Salem, Mass. towards India — 1805 —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Saturday June 8th —
			SEby E 2 L	W by N.		
1	7					Begins Fresh Breezes & clear
2	7					at 3 saw a Brig just ahead
3	7					Hauled up on the wind
4	7			to		steady South & steered our
5	6					Colours — She soon steered the
6	6	1				American Flag. immediately
7	7			NW by W.		saw a Ship to South & Hauled
8	7	1				Hauled Steady in for the land.
9	8	1				took in Steady sails & braced up
10	8	1				to speak the Brig. but she kept
11	8	1				her course and would
12	8	1				neither heave too nor go about
1	8	1				the ship then shewed Danish
2	8	1		to		Colours, and rather than lose
3	8	1				time to cut off. the Brig, we
4	8					kept away again. — —
5	7	1				
6	7					
7	6	1				
8	6					
9	7			N.N.E.	—	Fresh Breezes & fine clear weather
10	7	1				Allow Current South & West
11	7	1				— Lat. Obr. 36°20' South
12	7	1				

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Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 81 E.	160	25	158	36°-16'-	—	4779	3°15'-	30° E.	27°-30' Less

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Sunday June 9th —
			SEby E ½ E.	N.N.E.		
1	7					Fine Breeze and clear pleas-
2	7					ant weather. — these 24 Hours
3	6	1				
4	6	1				
5	7					
6	7					
7	6	1				
8	6	1				
9	5	1	SEby E	N E by		
10	5					
11	5					Current to South —
12	5					
1	6					
2	6					
3	6					Inclines to a Calm
4	6					
5	5					
6	5					
7	5		E S.E. ½ S.			
8	6					
9	5					
10	5					
11	4					
12	4					Lat. Obr. 36°55' South

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Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 71 E	137	35	132	36°55-	—	4911	2° 30'	32°30'	30° E.

Steered from Salem, Mass. towards Indies — 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Monday June 10
1	1	1	E S E	North		
2	1	1		N.N.E.		
3	2	–		N.N.E.		Light Winds, large swell,
4	2	1				and clear pleasant
5	3					weather. ——
6	3					
7	2					
8	1	1				
9	2					Water appears discoloured
10	2	1				
11	2	1				
12	2	1				
1	2		E by N	S E by S.		81. –
2	1	1	E.N.E.	S.E.		
3	2	1	N.E. –	E.S.E.		Lat. Sent. Moderate
4	2	1				Breezes & scattering
5	2	1	North	E by S.		clouds. —— ——
6	3					
7	3		S.E –			clouds Clouds
8	3	1				
9	5		S. by E			Lat. Obs. 36°45' S.
10	5	1				
11	6					Latitude
12	6					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
N 78 E	60	12	48	36° 43	—	49 59	1° –	33°30 E	31 E. L.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Tuesday June 11th
1	6		S E by E.	N E. –	1 point	
2	6					Fresh Gales and flying
3	6		S.E. ½ E.			Clouds. —
4	6					
5	5		S. E.	E.N.E.		at 4 double reef'd top sails &
6	5					handed M. S. & fibb ——
7	5	1	S.E. by E.	N.E. –		
8	5	1				Short Sea. ——
9	5					
10	5					dirty looking weather to the
11	5					Westward. —
12	5					
1	4	1				at 8, P.M. close reef'd top Sails 82
2	4					
3	4					at 8, A.M. Stiff Breezes and
4	4					cloudy, dirty to West'd still.
5	4					
6	4					Cross Sea
7	4					
8	4		E S E.			Current to South'd. ——
9	4	1				
10	4	1				Lat. Obs. 37° 42' South
11	4	1				
12	3					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
S 61 E	127	61 –	111	37° 44' –	—	50 70	2° 20' –	35° 50'	33° 20'

Steward from Salem, Mass. towards India 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Wednesday June 12th
1	4	1	E. S. E. ½ S.	N E by N.	1½ pts.	Begin Moderate Gales and Cloudy with a short cross Sea.
2	4	1				
3	4	1				
4	4	1				
5	5					
6	5					
7	5					
8	5					
9	5					
10	5	1				at 2. A.M. Heavy Gales and
11	5	1				very bad Sea — take in
12	5	1				F. T. S. & haul down Frey. sail
1	5	1	S. E. by E.			& Main Stay sail. ———
2	5			N E by E.	2 pts.	
3	5		S. E. —			
4	5					
5	4		E. S. E. —			at 7 A.M. set Freysail. —
6	4					Sea continues, very cross, and
7	4					dirty looking weather. ———
8	5					
9	5					at 10, Heavy Shower with hard
10	5					Thunder & sharp Lightning, handed
11	"		Drift —	Current South 2		up T. S. handed Freysail — No Obs —
12	"					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
S 70 E.	107	36	100	38°72'	.....	5170	2°07'-	37°37	E. 35°27' Less.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Thursday June 13th
1	3		E. S. E. -	N. N. W.		Begins Light Winds and dirty
2	4	1		to		weather with a cross Sea —
3	5	1		W. N. W.		
4	6					at 4. P. M. Squally & fine rain
5	5	1				
6	5					
7	7					
8	7					at 8. P. M. fine rain. ———
9	5	1				
10	5					at 12 Mid. Sat M. T. G. S. ———
11	5			West		
12	5					At 8. A.M. Moderate Breezes.
1	6	1				
2	6	1		to		Fresh Breezes and flying
3	6	1				Clouds.
4	6	1				Find the Current has been to
5	7	1				
6	7	1				North'd thereon Course for 2 days —
7	7	1		S. W.		allow 18 Miles North. ~~both days~~
8	7	1				
9	7	1		To		
10	7	1				
11	7	1		South		Lat. Obs. 37°-34' S. —
12	7	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
N 73 E	153	44	146	37°-34'	29½ -	5316	3°-03'-	41°-- -	38°-30' E. Less.

Brewer from Salem Mass. towards Indies 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Friday June 14th
1	6	1	E.S.E.	S by W.	1/2 pt.	Begins. Fresh Breezes and
2	6					clear weather
3	5		E by S.	South		
4	5					
5	5		East.			
6	5	1				
7	5	1	E ½ S.			
8	5	1				
9	6		E by S.			
10	6	1				
11	6	1				Allow ½ point for Leeway &
12	6	1	E.S.E.			heave of the Sea
1	6	1				
2	6					
3	5	1				Chilly-weather
4	5	.				
5	5					
6	5					
7	5	1				
8	6					
9	6	.	E. by S.			Lat. Obr 36°-48' S.
10	6					
11	6					
12	6				1/2 pt.	

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S.71 E.	138	-45	130	36°49' S.	30 W.	5446	2°-40'	43°40' E	41°10' L.

H	K	F	Courses.	Winds	LEE-WAY.	Remarks Saturday June 15th
1	4		E by S.	S by E.		
2	4					Light Breezes and
3	4					Cloudy. ——
4	4					
5	5		E.S.E.			
6	5					
7	5					
8	5					
9	2	1				Large Swell to North'd &
10	2	1				
11	2	1		W.N.W.		Eastward. ——
12	2	1				
1	3					
2	3					
3	3					Ends Calm.
4	3					
5	3					
6	3					Current to North'd ——
7	2	1		West		
8	2			W.S.W.		Allow 1 knott p' hour. ——
9	1		S.E. by E.			
10	1					Lat. Obr. 36°-10' S.
11	"		Calm	" ——		
12	"					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N.61 E.	80-	38-	70-	36°10' S.	29°30'	5516	1°-27'-	45°-07'	42°-37' L.

Steered from Salem Mass. towards Indies — 1805 —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Sunday June 16th
1	"					
2	"		Calm	Calm		Begins Calm — and
3	2		S E by E.	West. —		clear weather
4	1	1				
5	"		Calm	Calm		
6	"					
7	"					
8	1	1	N. E. —	E. S. E.		at 8 light Breezes and
9	4		E by S.	South	1/4 pt.	pleasant, with a few flying
10	4					Clouds. —
11	4					
87 12	4		E. S. E.			Lun. Obs. — at 9 oclock P. M.
1	5		S. E. by E.	S. S. W.		☽ & * Antares make our
2	5	1	* —			Long 44° 35' E. London at that
3	6					hour. —
4	6		E. S. E. 1/2 S.			
5	6					Moderate & fine pleasant day —
6	6					
7	6					
8	6		E. S. E.	S. by W.		Lat. Obs. 35° 58' South —
9	6					
10	5	1				
11	5					
12	4				1/4 pt.	

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
N 82 E	86	12	85	35° 58'	29 1/2° W	5601	1° 45'	46° 52'	44° 22' & Lun.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Monday June 17th
1	6	1	S E by E	S S W		Fresh Breezes and heavy
2	6	1				Clouds to South & West
3	7		E S E 1/2 S.			
4	8			7.		
5	7		E. S. E.	South		at 8 P. M. Cloudy. —
6	7					
7	7					at 5 A. M. Wind in Squalls. —
8	7					and thick cloudy weather
9	7		E by S 1/2 S.	South		
10	7					
11	7					Moderate & Cloudy
88 12	7					
1	6	1	E. S. E.	West		
2	6					
3	6					
4	6					
5	7					
6	7					
7	6	1				
8	5	1	E 1/2 S.			
9	4					Lat. Obs. 35° 35' South
10	4					
11	3	-	E by S.			
12	3					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
N 81 E	148	23	146	35° 35'	28° —	5747	3° —	49° 52'	47° 22' Lun.

Journal from Salem, Mass. towards India 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Tuesday June 18th
1	2	1	East	S.S.E.		
2	3					Light Winds & Clear, pleas-
3	4					ant Weather —
4	4	1				
5	3					Smooth Water. —
6	3					
7	4					
8	5					
9	3	1	E½N. —			
10	3	1				
11	3		N.E.	E.S.E.		
12	2	1				
1	"		Calm	Calm		at Midnight Calm & Clear 9q —
2	"					
3	"					at 8 A.M. Light Winds from
4	"					Eastern - boarel & clear
5	"					
6	"					at 9 A.M. an Observation
7	"					did O. & D. which make our
8	1		S.E. —	E.S.E.		Long at that hour 48° 31' E. London
9	1	1	*			
10	2	~				
11	3	~				
12	3	~		Current North		Lat. Obr. 35° 04' South —

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N56E	52.	29	43	35°06' S	26½ W.	57.90	53' —	50°45'	48°15' E'n

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Wednesday June 19th
1	3		SEbyS.	EbyN.		
2	3					Light Breezes & Clear weather
3	3					
4	2	1				at 10 P.M. Squally. —
5	3	1				
6	4	1	S.S.E.			took in light Sails & double
7	5		SEbyS.			reef'd Top Sails & handed
8	5					
9	6					Trey-Sail
10	7					
11	6		E.S.E.	N.E.		at 8 Moderate Breezes
12	6					& Cloudy. —
1	5		EbyS.	NEbyN		
2	4	1				&
3	4	1				Cloudy. —
4	4	1	E.S.E.	N.E.		&
5	5					
6	4					Lat. by single Altitude
7	4			to		38' 15" before Noon —
8	5		E. by S.	N.N.E.		35° 01' South
9	6					
10	6					Too of Course as marked in Log —
11	6	1	East.	N by E.		
12	6	1				

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N88E.	102	3	101.	35°01' S	26° W.	5891	2°04'	52°49'	50°19' E'n.

Steward from Salem Mass. towards Indies — 1805 —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Thursday June 20th
1	6		E by S.	N E by N.	3/4 kt	Fresh Breezes & squally
2	6					
3	5		East —			Short cross Sea pitches
4	5					
5	5		E ½ N.			very heavy. ——
6	5	1				
7	7		E by S. -			at 2. double reef top sails. —
8	7					
9	6	1				at 21½' past 9 A.M. & at. 40' past
10	6	1				10 A.M. took 2. Obs. ⊙ & D. the
11	6					Long. from London, from
12	6					the mean of the two was
1	6	1				53°-30' East. ——
2	6	1				
3	6	1				Moderate Breezes & short
4	6	1.				sea.
5	6	1				
6	6	1				
7	6					
8	5	1				
9	5					
10	5		E. S. E.	N. E.		Lat. Obs. 34°-50' S. —
11	5					
12	5				3/4 kt	

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 85 E	142	12	141	34°49'	25° E.	6032	2°52'	55°41'	53°-11' E.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Friday June 21st
1	4	1	E. S. E.	N. E. —	1 kt	Stiff Breezes and Cloudy
2	4	1				
3	5	1	S. E. by E.			from 8 P.M. to 8 A.M. squally
4	5	1				with rain & sharp lightning
5	5	1				
6	5	1				
7	5					Short sea ——
8	5					
9	5	1				
10	5	1				
11	5					
12	5					½ kt at 11 A.M. Hove Ship
1	4					To the North'd.
2	4					
3	4					
4	4					
5	4					
6	4					
7	4					Lat. Obs 35°27' S. —
8	4					
9	4					
10	3	1				
11	2	1	S. E.		½ kt	
12	3		N N W.			

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 68 E	102	38	95	35°-28' S	23°-11'	6127	1°56'	57°37'	55°-07' E.

Steward from Salem, Mass. towards India - 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Saturday 22d
1	4	1	N W by W	N E by N	1½ pts.	Stiff Breze and squally
2	4	1				
3	5		N W by N			Heavy, short, cross Sea. —
4	5		N W. —			
5	4					at 6 Hard squalls
6	4					
7	4					at 8 P.M. close reef'd M.t.
8	4	1				S. & handed F.t. S. & M.S.
9	2	1	E.N.E.	North	2 pts.	Hove, Ship to Eastward
10	2	1				
11	2	1				
12	2	1				
1	3		N.E.	N.N.W.		93
2	3	1				at 7. A.M. sat F.t.S. let 2 reefs
3	5		N.N.E.	W.N.W.		out M.t.S. — — — —
4	6					
5	6		N E by N			Squally, with fine rain
6	6					
7	6		—	S W by S		and a heavy see. —
8	7	1				Hard Gales & a heavy Sea
9	8					
10	8					No Observation
11	8	1				
12	9					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 7 W	71	70	9	34°17' S.	2 points	6118	11'	57°26	54°56' E.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Sunday 23d June
1	8		N E by N	W S.W.		Begins Heavy Gales and
2	8					
3	8					a heavy Sea. — —
4	8					
5	8					
6	8					
7	8					Squally. — — —
8	7		N.E.			
9	7	1		S.W.		Long P.M. Run. one sight Obs'd at.
10	8					
11	8		N E by N			11½ o'clock A.M. 58°30' — E. Lon.
12	8					Moderate Gales, a heavy 94
1	7	1				
2	7	1				Sea and Squally weather
3	7	1				
4	7	1		S.S.W.		
5	7	1				
6	8					I think she has been to
7	8					
8	8			S. by W.		Eastward of Course. —
9	8					
10	9					Lat. Obs. 31°36' S.
11	9		* —			
12	9					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 23 E	184	168	71	31°32' S.	2 pts.	6189	1°24'	58°50	56°20 E.

Steward from Salem Mass. towards India — 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Monday June 24th
1	8		N E by N.	South		Fresh Gales and squally with fine rain.
2	8					
3	8					
4	8					
5	8					
6	8					
7	8					Long. by mean 2. lunar Obs this day at 9 A.M. 57° 23' E. London
8	8					
9	8					
10	8					
11	8					
12	8					
1	8					
2	8					
3	8					
4	8					
5	8					
6	8					
7	8					
8	8		*			
9	8			S.E.		
10	8					
11	8					
12	8					Fixed the Correction for Lat. this & the last day, owing to Minute Glasses. — Lat. Obs. 28°-49' South

95

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 13 E	172	167-	39.	28°49'	20°W.	6228	45'-	59°35'	57° 05'

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Tuesday June 25th
1	7	/	N E by N	S.E.		Stiff Breezes & squally.
2	7	/				
3	8					
4	8					
5	9					Short - rough - Sea
6	9					
7	8	/				
8	8					
9	8	/				
10	8	/				
11	8	/				Stiff Breezes & pleasant.
12	8	/				
1	8	/				Knocked about pretty
2	8	/				roughly by the Sea
3	8	/				
4	8	/				
5	8	/				
6	9					Think there must have been
7	9					a Current to South'd at the
8	9					Log line & Glass are correct
9	8					
10	8					*
11	8					Lat. Obs. 25°-53' S.
12	8					

96.

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 13 E	182	177-	41.	25°52	19°W.	626	45'-	60°20'	57°50' E

Steward from Salem, Mass. – towards Indies – 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Wednesday June 26
1	7	/	N.N.E.	S.E.		Stiff Breezes and flying
2	7	/				Clouds with a short
3	7	/				hollow sea ———
4	7	/				
5	7	/				
6	7	/				
7	7	/				
8	7	/				
9	8					
10	8					Mid. part: Squally with
11	8					light rain. ——— 97
12	8					
1	8					
2	8					
3	8					
4	8					
5	8					Squally & fresh breezes.
6	8					
7	8			E.S.E.		The reckoning this day shews
8	7	–				that we have had a Current
9	7	/				to South 2 per 3 days before
10	7	/				
11	7	/				Lat. Obr 22°52' S. —
12	7	/				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N5E.	184	183	16.	22°49'	17°W.	6285	18'	60°38	S8°08

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Thursday June 27th
1	7	/	N.N.E.	E.S.E.		
2	7	/				Moderate Breezes and
3	7	/				squally. ——
4	7	/				
5	7					
6	7					Large Swell changing
7	6					to North & West —
8	6					
9	6					
10	6					Mid. part. Squally with
11	6					moderate rain. 98. –
12	6					
1	5	/				at 8 A.M. saw the Isle of
2	5	/				France bear N½W. –
3	5	/	W.N.W.			dist 10 or 12 Leagues. ——
4	5	/				
5	5					
6	5					at 12 West point Isle of France
7	5					bore N½W dist 10 or 12 Leagues
8	5		N.W.	S.E.		
9						
10						
11						Lat. Obr 20°52' South
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

Rewards from Salem Mass. towards India — 1805 -

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks June 28th — 1
D						Begins Moderate Breezes & pleasant — hoisted Cables &c. —
2						
3						
4						at 4 saw a Ship to North^d — at
5						5 hoisted French Colours and in
6						half a hour hauled them down &
7						hoisted English, and fired a Gun
8						at a sent boat on board, examined
9						papers, enquired destination &c.
10						and left us with orders not to
11						make sail till they had, at ½
12						past 6 the boat came again to
1						procure some refreshments, but
2						being in the hold could not get
3						at them, spared some small articles
4						from Cabin Stores, was a Frigate of
5						44. Guns from a Squadron cruising
6						off Isle of France, named the Pitt
7						J. M[illegible] Esq^r. Capt. boat returned
8						& they made sail. — at 4 saw
9						Isle of Bourbon its Centre bear^g —
10						N.N.W. dist 4 or 5 leagues. —
11						End Calm & light Squalls
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Saturday June 29th —
1						
2						Light Breezes & Squalls
3						
4						at 3 saw Ship in the
5						
6						road of St. Denis.
7						
8						at half past four Pilot
9						
10						came on board and
11						
12						brot us [illegible], immediately
1						
2						the Port Officer came
3						
4						on board, with whom
5						
6						I went on shore
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

Reward from Isle of Bourbon towards Mocha — 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday August 1st
1						At ½ past 4 P.M. unmoored
2						at ½ past 5. weighed Anchor
3						and came to sail. —
4						
5						
6						
7	6		N.N.E.	E by S.		Moderate Breezes —
8	6					
9	7			E.S.E.		at 6 P.M. St Denis bore
10	7					South 2 Miles distance
11	7					from which I take
12	7					my departure. —
1	7					
2	7					
3	7					
4	7					Steady Breezes &
5	7					Clear. — — —
6	7					
7	7					
8	7					
9	7					
10	7					
11	7					Lat. Obs. 18°45' S.
12	7					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 5° E.	124	124	11.	18°46' S	17° W.	11.	11	55 24 E.	—

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Friday August 2d
1	5	1	N.N.E 2 E.	E by S.		
2	5	1				Moderate Breezes &
3	5	1				pleasant weather. —
4	6	1				
5	6	1				
6	6	1				
7	5	1				
8	5					
9	5					
10	5					
11	5					
12	5					2.
1	5					
2	5					Light Breezes & Clear
3	4	1				&
4	4	1				Employed, unbending
5	5		N.N.E.	East.		Cables, stowing Anchors
6	5					&c. —
7	5					
8	5					
9	4	1				
10	4	1				
11	4	1				Lat. Obs. 16°43' S. —
12	4	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 11 E.	123	121	23	16°44' S	16° W.	34	24	56°11' E.	

Reserve from ~~from~~ Bourbon towards Mocha — 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Saturday August 3d
1	6		N N E.	East		
2	6					Moderate Breezes at 4
3	6		N by E.	E by N.		P.M. Fresh Breezes and
4	6					
5	6		N N E.			Cloudy. —
6	7					
7	6	-	N N E ½ E.	E S E.		Numbers of birds, boobies
8	5					&c. —
9	5		N E by N.			
10	6					
11	6					
12	5					
1	5					
2	5					Moderate Breezes and
3	5					Clear. ———
4	5					
5	5					Smooth Water. —
6	5					
7	5					
8	5	1				
9	6		N. N. E.	East		
10	6					
11	5	1	N by E ½ E	E ½ N.		Lat. Obs. 14° 33' South
12	5					

3.

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 11 E	135.	132	26	14° 31' S	15° —	60. -	27'	56° 38'	E. —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Sunday August. 4th
1	5		N E by N.	E S E.		
2	5	1				Moderate Breezes &
3	6	1				
4	6					Flying Clouds. ——
5	6	1				
6	6	1				Smooth Water. ——
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					
1	7					
2	7					Steady Breezes &
3	7					
4	7					pleasant weather
5	7					
6	7			S E.		Course
7	7	1				
8	7	1				Lat. Obs. 12° 05' South
9	7	1				
10	7	1				
11	8					
12	8					

4.

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 20 E	150	150	55	12° 03'	S. 14 W.	115	56.	57° 34'	E. —

Voyage from Bourbon — towards Mocha — 1805.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Monday August 5th
1	8		N E by N.	S. E.		
2	8					Fresh Breezes and
3	9					Cloudy with frequent
4	9					
5	8					
6	7					Short irregular sea
7	8					
8	8			South		appearance of a
9	7	1				
10	7	1				Current. ——
11	7					
12	7					
1	8					5
2	8	1				
3	8	1				Fresh Breezes & Cloudy
4	8					
5	7	1				with squalls of fine
6	7	1				
7	7	1				rain & thick weather
8	7	1	N by E.	S. S. E.		
9	7					
10	7					
11	7					Lat obs. — 9° 25' S.
12	7					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 18 E°	181 —	172	56	9 13'	S. 13 W.	171	57 —	58-31	E —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Tuesday August 6th
1	7	1	N by E. —	South		
2	7	1				Fresh Breezes and Cloudy
3	7	1				
4	7	1				rainy weather. ——
5	7	1				
6	7					
7	7					
8	7					
9	7					
10	7					Appearance of Strong
11	7					
12	7					Currents. ——
1	7	1				6
2	7	1				Water as smooth as a
3	7	1				
4	7	1				pond and strong tide rips
5	7					now & then, jellies, birds of
6	7					
7	6	1		S. E.		different kinds, and a
8	6					small branch of a Tree
9	6	1				passed by. — Heavy Showers
10	6	1				
11	7					and Cloudy. No. Obs. —
12	6	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
North	168	168	—	6°-35'-	1 West.	171.	—	58-31	E. —

Steward from Bourbon towards Mocha 1805.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Wednesday August 7th
1	6	.	N by E.	S.S.E.		Light Winds & Squally. —
2	6					
3	6					Brier as heretofore
4	6					
5	5	1				from 2 to 4 A.M. heavy
6	5	1		East.		Showers & lightning. —
7	5					
8	5					
9	3	1				
10	3	1				
11	4					
7.— 12	4					at 6. A.M. pretty clear
1	4					weather. ——
2	4	1		S.E.		a small branch of
3	5					a Tree in water as we
4	5					passed. —
5	5					
6	5	1				
7	5	-	W by N.			
8	6	1				
9	6	1				
10	6					Lat. Obr. 5°12' S. —
11	6					
12	5	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 22 W.	94	87	35	5°08'	1 point.	136	35 -	5°-36'	E. —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Thursday August 8th
1	6		N W by W½ W	S.E.		Steady Breezes and
2	7					pleasant. ——
3	6	1				
4	6					At Midnight hove too
5	7					and tried for soundings
6	7					and at 2 & 4 A.M. ——
7	7		W by N.			Pleasant weather, Great
8	7					many birds, and I think
9	6					I saw a Turtle, a small
10	6					breach in the water and
11	5					the water has changed
8. 12	5					its colour. — at ½ past 11
1	5					saw land bearing N W by N
2	5					distance 7 Leagues
3	5					
4	5					
5	6					
6	6					
7	6					
8	7.					
9	7					
10						Lat. Obr. 4°55' S.
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

Reward from Bourbon towards Mocha 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Friday Augt 9th
1						at 1 P.M. Gore away
2						for Isle of Frigate which
3						we took for Mahe' at 4
4						saw a Number of Island
5						to Northd of Isle Frigate
6						at 5 headed to the Wind
7						to the Eastd at 7 tacked
8						Ship to southd & Westd
9						at 12 tacked to Eastd at 4
10						tacked to Southd & Westd
11						at 6 saw Isle of Mahe'
12						at 10 came too with the
1						Larboard bower in
2						13 fathoms water under
3						the lee of St Ann, the
4						doctor came on board
5						& I went on shore. —
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Monday 2d Sept
1						
2						Fresh Breezes & Squally
3						at 8 A.M. weighed
4						anchor and came to
5						sail for the Other Islands
6						with a Pilot on board
7						squally. — at 4 P.M.
8						of the first day came
9						too with the larboard
10						bower in Praslin road
11						the Pilot immediately
12						left us.
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

Rewen from Mahé Isles — towards Mocha, 1805 —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Wednesday Sept 4th
1						Begins myself on shore
2						to receive & see the weight
3						of 4 bales Cotton, being all
4						we could now purchase
5						in Isle Praslin, ———
6						at 4 P. M. went on board
7						with Mon.r Jean Marie,
8						the pilot we had from
9						Seychelles, gave him for
10						Porter &c. to satisfy him
11						for his services. ———
12						at 6 A.M. weighed anchor
1						and came to sail with
2						pleasant weather, at 8 A.M
3						I.e Praslin. bore S.S.E. 4 Leag.s
4						
5						
6						
7						
8						
9	6		North	S.E.		
10	6					
11	6					
12	6					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 16 W.	36.	34	10	3°49' S.	3/4 W.	10.	10	55°46	———

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday Sept. 5
1	6		North	S.E.		The beginning of this day
2	6					we were in sight of
3	5	1				a long low Island
4	5	1				about 4 Leagues distant
5	6					to East.
6	6					
7	6					
8	6					
9	6	1				Pleasant, Breeze & clear
10	6	1				
11	6	1				weather
12	6	1				
1.	6					
2	6					All sail out. —
3	5	1				
4	5	"				Variation p.r Az.th 8°45 W.
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	6	1				
10	7					Lat. Obs. 1° 27' S.
11	7					
12	6	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 9 W.	144	142	22.	1°24' S.	3/4 W.	32.	22'	55°13'	E. Lon.

Reward from Make Isle's towards Mocha - 1805. -

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Friday Sept 6th
1	6		North -	S S E		
2	6					Begins fine Breezes
3	6					and pleasant. —
4	6					
5	6	1				Flying Clouds. —
6	6	1				
7	6					
8	6					
9	6					
10	6					at 4 A M. passed three
11	6					Water, very much colour- 2
12	6					ed, as white as milk,
1	6					have too as we tried
2	6					for soundings, found
3	6					none, suppose it to
4	6					be the Bank of Ambre
5	6					which must be wrongly
6	6					laced down by Directo
7	6					continued in Coloured
8	6					Water about 2 hours.
9	6					½ knott p/ hour
10	6					Lat. Obs. 1°08' N
11	5					
12	5		Current this day			

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
									Cape Gard.
N. 9 W	154	157	25	1°08' N	3/4 W	57	25 -	54°53' E.	147 W.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Saturday Sept 7th
1	6		North	S by E		
2	6					Pleasant Breezes &
3	6					flying Clouds. —
4	6					
5	6		N ½ W	South		
6	6					Now - Moderate
7	6					Great Number of Boobies
8	6					about. and Albatrosses
9	5	1				as well making to the
10	5	1				North[d] - 3 -
11	5	1				
12	5					
1	5					Allow Current North
2	5					½ knott p/ hour. —
3	5					
4	5					
5	5					
6	5					
7	5					
8	5					
9	5		N by W	S by W		Lat. Obs. 3°-27' N. —
10	4	1				
11	4	1				
12	5					

Course	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
									Cape Gard.
N 14 W	143	139 -	32	3°27'	N. 8°-W	89 -	32	54°21 E.	N 13°12' W. 526 Miles

Rwar'd from Mahé Isles towards Mocha 1805.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Sept. 8th Sunday.
1	6		N by W.	South		Begins moderate Breezes and clear weather;
2	6					large swell to North'd in
3	5	1				great many large Fishes
4	5	1				in the water.
5	5					Variation Ewd Amp. 7°-8' W'ly
6	5					
7	5					
8	5					
9	4	1				
10	4	1				
11	4	1				
12	4	1				
1	5					Light Winds, smooth water
2	5					and pleasant weather —
3	4	1				
4	4	1				Very strong Tide-Rips. —
5	3	1		S.W.		
6	3	1				Allow Current to North'd &
7	4					East'd 1 knott P' hour.
8	4	1				
9	5					Bear'g Guardafui N 19°-45' W 382½ Miles
10	5					
11	6					Lat. Obs. 5°48' N.
12	6					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist. Cape Orfui.
N° 14 W.	146	141	35	5°48' N	7° W'ly	124	35	53°46'	N 24°24' W 308 Miles

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Monday 9th Sept.
1	7		N by W.	S. W.		
2	7					Moderate Breezes and
3	6	1				clear weather
4	6	1				Smooth Sea. —
5	6	1				
6	6	1				Hazy
7	6		N by W½W.	W. S.W.		
8	5					
9	7					
10	7					
11	7					Fresh Breezes and clear
12	7					with a short sea. —
1	8					
2	8					
3	8					
4	8					
5	8					
6	8					Ends clear & pleasant
7	8		N. W.	S W.		Allow overmasted
8	8					
9	8					
10	8					
11	7	1				Lat. Obs. 7°-45' N.
12	7	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist. Cape Orfui.
N 25 W.	133	120	56	7°-48' N	7° W'ly	180	56'	52°-50	N. 23°-34' W 177 Miles.

Proceed from Make' Isle towards Mocha 1805.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Tuesday Sept 10th
1	6	1	N.W. —	S.W.		Fresh Breezes & hazy weather
2	6	1				Short sea, & appearance of a
3	7					heavy Current.
4	7					6
5	7	1				Mid. part. Stiff Breezes and
6	7	1				flying light Clouds, hauled
7	9					up N.W. took one reef in
8	9					Top sails. —
9	10					at 7. A.M. saw the land of the
10	10					Coast of Africa, bearing N.N.W.
11	9	1				about 5. Leagues distance,
12	9					Lat. Obs. 10° 47' North. — 6
1	9					At we drew in with the land
2	9					a large bay appeared to
3	8					Southward, as we could discern
4	8					no land back. to South° & West°
5	8					of this point, saw a small Hill
6	8					of a Conical form, white, & at
7	7					a distance appeared seperate
8	7	—	North Pt.	S.W.		from main land. which trended
9						about N.N.E. 3 or 4 Leagues, land
10						pretty high, steep, perpendicular
11						cliffs next the sea & even upon
12						the Top, then fell back to West°. forming
						a large bay.

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
				Ends this day. Cape Orfui the land above bears by N. 6 Leagues dist.					

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Wednesday Sept 11th
1			Begins	Moderate		Breezes from South° and
2			clear.	coming	up	with the North Pt. Point of the
3			bay last mentioned,	which	is	a bold Cliff. high
4			land	bears		to West° a rude ellen Sleeve of which
5			from N.W.	which	came	right, taking us about
6			but immediately	hauled	again	to South°-
7			from this	point,	low	land extends about 2 Leagues
8			to North°- & East°	and	is	followed by very high
9			land	to	within	a short distance of Cape Guardafui.
10			moderate	breeze	from	South° and large
11			swell on	shore.	Cape	Guardafui is itself a
12			low	point	of	land, and the North ely point
1			to	appearance,	as	we passed it at Midnight
2			bearing	South	1	Leagues distant, a rock nearly
3			square	moderately	high	upon a bare of sand.
4			When	past	Guardafui	land pretty high for
5			or	8	Leagues,	trends	westy	and	light	Breezes
6			from	East°	at	8	Calm,	low	land	to	West°	and	as
7													
8													
9													
10													
11													
12													

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

Rowan el from Mahr Isles towards Mocha 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Thursday Sept. 12th
1			runs out some distance and a bank extends			
2			therefrom about N.W. into the sea, upon which			
3			is from 8 to 9 fathoms water 3 or 4 Miles off			
4			where and a smooth, good bottom in sight.			
5			W. by S. about 3 Leagues from the extremity of this			
6			Point lies Mount. Felix; ~~which~~ is and then			
7			are small trees with houses on & then			
8			on the shore, but very barren back, & light Winds			
9			from N.N.E. Mount Felix is a high, bold rock			
10			on its Northwestern side, upon a low sandy			
11			Point. at 4 P.M. it bore S.E. distance 2. Miles.			
12			low level lands about S.W. from Mt. Felix 5			
1			or 6 Leagues, upon which we saw Negroes. Houses			
2			& some trees 2 boats under sail running along			
3			shore, from 7 P.M. to Midnight Calm. 12 to 4 A.M. Light			
4			breezes off the land S.E. - 4 to 8 A.M. small breeze			
5			& Clear from North Exceeding Warm, ~~from~~ this low is succeeded			
6			by high land which 5 or 6 Leagues is broken in its range			
7			but immediately followed by high Mountains, which at noon			
8			this day bear W.S.W from us. Ends from 8 to 12 Calm. & Clear			

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
Variation	Per log Amp.			7° 30' West.	Lat.	back. Or.	11	38'	North
Cape Felix	bore at 12. E. by S.								

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Friday Sept. 13th
1			Begins Light Breezes from the North & very warm -			
2			weather. Lat 6 P.M. almost Calm. The high land			
3			which extended parallel with the Coast, is here			
4			terminated by a Point about 2 Leagues from			
5			East to West, of a moderate height, extremely barren;			
6			but which is followed immediately by ranges			
7			of high Mountains, stretching inland in a N.N.W.			
8			& N.E. direction, the Extremity of which is called			
9			Cape St. Peter; and bears at 6. P.M. W.S.W. ½ S. distance			
10			about 6 Leagues. from 6 P.M. to 12. light breezes from			
11			Eastward, Clear tho' very hazy weather; at 12. Cape St.			
12			Peter bore S.S.W. dis 2 or 3 Leagues. from 12 to 4 A.M.			
1			Calm and Fleury Squalls from every point of Compass.			
2			a little past 4 A.M. Sprung up a Smart breeze from S.S.W.			
3			which continued, tho' gradually moderating to 10 A.M.			
4			from that time to noon Calm. - Lat at 8 A.M. Cape St. Peter			
5			still in sight bearing S.E. by E½E. the Coast from Cape St. Peter			
6			tends for 5 or 6 Leagues more to South - flanked with the ends			
7			of Mountains stretching inland which next the sea are low.			
8			At the End of this range the land is very low, as far back as we could			
9			see, said to be the mouth of a river from thence it tends South west			
10						
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
ranges of	light	Mountains			inland	but	generally	low	as
far sea, &	very	barren;	More	so ends	this	than	usual	in this	Bight.

Rowed from Mahé's Isle towards Mocha — 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Saturday Sept 14th
1			Begins	Light	Breezes	from South & West — &
2			clear but	hazy.	the Land	from the mouth
3			of the River St Peters			runs Northwestwardly, mod-
4			erately	elevated	next	the sea but high Moun-
5			tains	back;	about	7 or 8 leagues from which rises
6			you will	see a	piece	of Land, which has
7			the	appearance	of	a
8			Island			
9			chain	about	the	middle of it, on the Top, which
10			appears,	at	first	view, seperate from the main
11			but	is	joined	by low land, in a bight to
12			Eastward	of	this,	lies an Island flat upon 10.
1			the	Top,	which	is called Motte Island but
2			its	distance	off,	obscures	particulars	of it. —
3			from	6 P.M.	to	10 P.M.	Calm,	then	light	breezes
4			from	Eastward	till	8 A.M.	from	8	to	12	Calm. —
5											
6											
7					Sunday	Sept.	15th	—	Begins	Light
8			Breezes	from	North	— and	West	—	The	Land	Ten	or
9			to	Westward,	a	high	continued	range	of	Mountains
10			back,	but	next	the	sea,	not	so	high	but	very	broken
11			&	barren,	with	small	openings	from
12			the	North	—	to	Mid-night.	then	to	8	A.M.	Calm,	a	large	Ship
			in	sight.			small	Breezes	follow	from	Westward	to	Noon

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
at 8 A.M. saw Mount									
6 Leagues, the whole									
distance from									
appears a									

H	K	F	Courses.	Winds	LEE-WAY.	Remarks
1						and the Mountains back, the whole
2						distance, which I think may
3						not in probably be the best coast for
4						river. — at 12 Meridian White Island
5						bore S.W by S. dist 6 Leagues. the
6						ship in sight steering East —
7						Generally along this Coast
8						we have had Regular sea &
9						land breezes, the sea breezes
10						commencing in the forepart of
11						the day and the land at 6 or 8 P.M.
12						the very moderate weather, the 11.
1						water very smooth, have ex-
2						perience of little or no Current —
3						The Coast abounds with Fish
4						of different kinds and is
5						tolerably well stocked with
6						birds. — The land about
7						the whole distance from Cape
8						Guardafui, has appeared
9						extremely dry & barren
10						to White Island. Lat. Obs. 11°30' N.
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

Rewarded from Mahr Isle towards Mocha. 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Monday Sept 16th
1	2	1	N.N.W.	West.		Begins Light Breezes and
2	2	1				clear weather, White Island
3	3					bearing S.W. by S. dis. 6 Leagues
4	3					at 4 tacked Ship to West
5	2		W.S.W.	N.W.		6 to 8 P.M. Calm, Short swell
6	1					then light Airs from South
7	"					& West. till 10. Calm to 12. —
8	"					Light Airs from 12 from
9	2		N.W. by W.	South.		West. 2 miles at 2 South
10	1	1				Stiff breeze from N.W.
11	"					from S.W. which gradually
12. —	12	"				moderate and haul to
1	4		N.N.W.	West		West. at 11 A.M. tacked
2	4					Ship South & West
3	8		N.W. by W½W.	S.W.		Lat. Obs. 12° 34' N.
4	8					Must have been considerable
5	7	1				Current; & Northerly I suppose.
6	7					
7	6		N.W. by W.			
8	5					
9	2					
10	2		N.N.W.	West		
11	1	1	N.N.E.	N.W.		
12	1	1	S.W.	W.N.W.		

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Tuesday Sept. 17th
1	2		S.S.W. —	West.		Light Airs and Clear, clouds
2	2	1	N.N.W.			lying over the land, to North
3	2	1	N.W. by N.	W. by S.		by appearance. at ½ past 1 P.M.
4	2		N.W. —	W.S.W.		tacked to North & West —
5	1					
6	1			Calm		at 2 saw the land bear
7	"					dis. 10 or 11 Leagues
8	"					from 6 P.M. to 1 A.M. Calm
9	"					1 to 8 A.M. Breezes from
10	"					South — 8 to 12 light Breezes
11	"					from West — at daylight ap-
12	"					pearance of Land from E by S.
1	"					to S.W. by S. but it turned out
2	3		W.S.W.	South		to be fog. — at 12 the same Land
3	6					we saw yesterday bore
4	7					N by E. dis 6 or 7 Leagues, Current
5	3					to South & East
6	3					at 8 A.M. tacked Ship Lat. Obs. 12°48' N
7	2		N.W.	W.S.W.		at 12 Mer. " "
8	2		N.N.E.	N.W.		
9	2		S.S.W.	West		
10	1	1				
11	1					
12	2					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

Steered from Mahé Isle's towards Mocha 1805.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Wednesday Sept: 18th
1	3	1	N.W. –	W.S.W.		Begins Light Breezes and
2	3	1				Clear, water considerably colour'd
3	3	1	W.N.W.	S.W.		
4	3	1				at 2 saw the Land of Cape
5	2		W by S.	S by W.		Aden bear'g W. by S½ S. at 6
6	2	1				P.M. Cape Aden bore W by S dist
7	1	1	W by S½ S.	S by W.		about 6 Leagues. Cape Aden in
8	1					coming from the Eastward ap
9	1		S.W by W½ W.	N.E.		pears like an Island, the Land
10	2					to the North'd being very low &
11	2					not to be seen for 3 or 4 Leagues
12	3	-				14
1	"		Calm	Calm		then high Land back & a sandy
2	1	1	W.S.W.	South		beach upon the eastern side
3	1	1				of the Cape you may perceive a
4	1	1				fort and when it bears W by S½ S
5	1	1				a high Mosque appearing like
6	1	1				at a distance with a Vessel
7	"			Calm		under sail and some houses
8	"					on the shore. at 12 Mer. it bore
9	2	1	S.W by W.	E.N.E.		W½ N. dist 2 Leagues. Lat. Obs. 12°46' N
10	2	1				
11	2	1	W.S.W.			
12	2	1				

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday Sept 19th
1	5		W by S.	East.		Begins Light Breezes &
2	7			S.E.		Clear. at 12 saw three large
3	6			South.		Boats, ahead coming up
4	2			S by W.		with us. all prepared to
5	1	1		West. –		Act. from 5 to 7. Calm,
6	1					or Moderate Breezes and
7	1		W.S.W.	East. –		very hazy. – at 4 A.M.
8	2	1				sounded 35 fathoms. – 15
9	6		W by S.			at 6 Cape St. Anthony bore
10	6					N.N.W. dist 3 Leagues. at 9
11	6					saw Cape Babelmandel
12	6			S.E.		bear'g N. W½ N ½ Compass.
1	5	1				E.S.E. Cape St. Anthony bear'g
2	5	1		S.S.E.		East. and Cape Babelmandel
3	5					W.N.W. Northerly dist. 6 Leagues
4	4					Lat. Obs. 12°-35' N.
5	3					
6	3					
7	4	1	W.N.W.			
8	4	1				
9	4					
10	4					
11	4	1				
12	4	1				

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

Reward from Make Isle towards Mocha — 1808.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
1	3	1	W.N.W.	E.S.E.		Begins Light Winds and
2	3	1				Hazy w Rain. at 4 P.M.
3	3	1				entered the Straits, at 6
4	4					Capr. Babelmandel bore S.E
5	2					dis. 2 Leagues and the
6	1					Island of Babelmandel
7	1					S by W. 3. Leagues. Squally
8	1	1				with thunder & lightning
9	1					Middle part moderate short
10	1					sail with a Strong Current
11	1					against us & light Winds
12	1					at 3 AM. Tacked Ship at 10
1	2		N.E.	N.N.W		Tacked ———
2	2		N.W.	N.N.E.		Clear & pleasant. ———
3	2					
4	2					
5	1	1				
6	1	1				
7	1	1	N.W by W.	S.W by S.		
8	1					
9	2		North	W.N.W.		
10	2					
11	3					
12	3					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
1						Light Breezes and Squally
2						Standing off and on from
3						the Arabian Shore with
4						Light Winds from N.N.W to
5						North, and Thunder Showers
6						in different quarters. at
7						6 P.M. inclining to a Calm
8						came to Anchor in 9 fath.
9						Water. Zee Hill bearg. S.S.E
10						dis. 2½ Leagues at 5 AM
11						came to sail at 7 saw
12						the Shipping in Mocha road
1						at ½ past 11 AM. came to an
2						chor in 4½ fathoms Water
3						with pleasant Winds from South
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
	The Ground Tackle bears E by S ½ S.								

Steward from Mocha. — towards America. 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Monday 10th Feby
1			At 4. A.M. weighed			anchor and came to sail
2			with a fine Sea'd			breeze and good Current.
3			at 10 A.M. Tacked to			South & East steered. at 1 P.M.
4			Tacked at 3-5 and			every two hours during the night
5						
6						
7			at 5. A.M. of the 11th the South			Fort bore N.E. dis 5 Leagues
8			steer the remainder of this day & night in			
9			Tacks of 2 & 3 hours each, experiencd very no			
10			Current in our favour			
11						
12			12th in Tacking every 2 or 3 hours, and a Cur-			
1			rent against us so that we gain little or			
2			none			
3						
4						
5						
6						
7			13th Light Airs and			under single reef'd Top sails &
8			Courses at 2 P.M.			set A.M. & S.P. & steering
9			5 P.M. light Airs			Isle at 10
10			Variable			came to Anchor in 10 fathom
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks 14 Feby 1806
1			At 4 A.M. weighed anchor & came to sail			
2			light Airs & Calm			North at 8 A.M. calm at 10
3			A.M. headed in to the South wards again			
4			at 4 P.M. Zeila bore E.N.E dis. 2 Miles. with			
5			begins to freshen very fast. at 5 tacked to			
6			Westward at 6 to the East- at 7 close reef'd			
7			Top sails, fresh Gales ~~and~~ Hove Ship every 2 hours			
8			during the night.			
9						
10						
11						
12			15th Fresh Gales and Short sea in our			
1			close reef'd M.& S.P. 2 reef'd Fore sail, Fore sail &			
2			M.T.M. Staysail ~~tacked every~~ Hove Ship every			
3			2 or 3 hours. and driffing back fast.			
4						
5						
6			16th begins steering in for the Arabian Shore			
7			at 2 Hove Ship the South & West at 4 Hove Ship			
8			at 6 A.M. the North Part of Mocha bore N.E.			
9			bore away and stood for it at 8 came			
10			to Anchor in 3½ fathoms in Mocha road			
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

Reward ~~from~~ in Mocha ~~towards~~ Roads — 1800

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Feby 16th 1800
1			From 8 Att of the 16th inst. to 2 Am. of the			
2			22nd riding out fresh Gales in Mocha roads			
3			ex deem after in		to	just the Brig in better
4						
5			Prim and Seen			every thing well secured.
6						
7						
8			22d at 2. Att. Weighed and			moderate, weighed and
9			came to sail. with the wind Southeastward.			
10			at 9 Att tacked to the eastward. at 1 P.M. wind			
11			tacked in light breezes from the Westward.			
12			at 4 P.M. Calm, a small Current in our favour.			
1			at 6 Cape Babelmandel bore S.by E. dist. about 7			
2			Leagues and Zeu-Hill S.E.by E. 1 League, Wind			
3			breezes up from South & Eastward. took every			
4			two hours during the remainder of this day, with			
5			fresh Breezes.			
6						
7						
8			23d at 6 Att. Zeu Hill bore East dist 1 League			
9			took every two hours at 12 Mer. Stiff Breezes from			
10			S.S.E. Zeu Hill bore E.by E. 2 Leagues at 2 P.M. Zeu-			
11			Hill bore South 2 Leagues. Wind & Breezes fast. took			
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
	in 4 Leagues	M. 1. G. S. 5. 60	at 6	Cape Babelmandel	by taken	eff or on	at 8	bore Came	S.E. dist to anchor
	East Babelmandel			bearing	South		in 8 fathoms		water.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Monday Feby 24th
1			at 6 Att. weighed and came to sail steering			
2			out S.S.W. at ½ past		&	past close on the Lee
3			of Babelmandel			Island into the Broad Straits
4			at 10 tacked with		the	Abyssinian Coast aboard.
5			Cape Babelmandel		~~on~~ one,	with the southerly part
6			of the Island. coming		on	to blow very fresh &
7			a strong Current against us, at 12 tacked again			
8			on the Lee of the Island, about 1½ Mile to			
9			Leeward of where we			passed it in the Morning. a
10						
11			very heavy sea running.			
12						
1						
2						
3			25th at 2 tacked Ship from the Abyssinian Shore			
4			fresh Gale, Lee Current, and heavy short sea. at			
5			4 close reef'd top sails and took 2 reefs in Fore			
6			sail, handed Fib. at 6 P.M. came to Anchor in			
7			7 fathoms Water about 1 League to Leeward of			
8			where we passed the last night, Cape Babelmandel			
9			bearing South dist 3 to 4 Leagues. at 10 P.M. the			
10			wind of the Anchor broke after we went adrift			
11			laying to. Hoisted an Anchor bent the Cable.			
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

Reward from Mocha — towards America. - 1806.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Wednesday 26 Feby. -
1			at 5 Aft. Tei Hill bore	S.E. dis 3 Leagues at 6		
2			having got an	anchor upon the bows, bore away		
3			for Mocha roads	in the most severe gale this		
4			season, under	F.t.M. Staysail, going 6 knotts, lee		
5			gunwale in the water at 9 brought up with 2			
6			Anchors	ahead	in 3½ fathoms the Grand Morgue	
7			bears E by S. ½	S. sent down t G. Yard & mast. —		
8						
9				(11)		
10						
11			at 11 p M of the 27th being light breezes from the			
12			North & and West & an off & on Current			
1			weighed and came to sail.			
2				(12)		
3			at 8 A.M. of the 28th passed the Straits of Ba-			
4			belmandel with a stiff Wind from the			
5			North & Westward, sat struck & sails fore & aft.			
6			at 9 to fresh - took in Studdg sails at 12 Mer.			
7			Cape St Anthony bore E by N. 5 Leagues. -			
8			at 1 p M. shot all-at-once from this John North			
9			wind into the meeting of the two Winds and			
10			had light variable airs and a heavy sea			
11			for the remainder of the day. —			
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Saturday 1st March
1			at 6 A.m. light	Winds from the Eastward with		
2			moderate rain	from 8 to 12 Mer. light Winds. -		
3			all sail out	at 12 Cape Aden bore N.E. dis		
4			9 or 10 Leagues.	at 4 N.E. by E dis 4 Leagues.		
5			even light Winds	from the eastward at 10 p M		
6			passed Ship	to Leeward of Sheik Hamet-bay		
7				(1)		
8						
9			2d begins light Winds	from all quarters and		
10			calms at 11 A.M. a light steady breeze			
11			sprung up from the South & at 4 p.M. came			
12			to anchor in Sheik-Hamet-Bay where I			
1			found the Ship Sally Williams of Baltimore			
2			& Brig Salem Packet Hope, of Salem. —			
3				(2)		
4						
5			3d filled part of my water, got some			
6			rice & Provisions & got ready to depart with			
7			the Sally. —			
8						

Course	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

Toward from Aden — towards America — 1806.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Sunday 4th March
1			at 6 A.M. weighed			anchor and came to
2			sail in company			with the Ship Sally.
3			Sent the			Steered S.S.E. and on with the
4			wind from S.E.			to S.S.E. and a strong
5			Current against			us. — — —

Steward from Aden — towards America — 1805

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Saturday 8th March
1			Begins	Light Winds		from E.S.E. to S.E. by E. —
2			at 4. P.M.	finding		we could not gain but
3			were losing	Ground,		and wearing out our
4			sails, and	rigging		to no purpose, made
5			the best of	what we		could, and at 8 P.M.
6			came to	Anchor		in Shaik Hamet-bay.
7			at 6 A.M.	got out		the Long-boat, broke open
8			hatches	and cleared		away for some
9			stone ballast,	to make		her more stiff.
10			being	before		very tender. at 8 went over
11			with Capt.	Smyth		to the town of Aden to
12			procure, Water &c.			for another trial. —
1						
2						
3						
4						
5						
6						
7			9th 10th & 11th	employed		in getting ballast
8						
9			water &c.	Stowing		the hold again, caulking
10			down	hatches	&c.	at 8. P.M. of the 11th the
11			Ship Sally,	returned		again into the bay.
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
	after	6 days	struggle	against	the	current			
	to no	purpose.							

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
1			12th & 13th	employed		in completing our stock of
2			Water,	bullocks,		Grain Grass &c. getting in
3			Long-boat,	securing		Spars, setting up T.M. &
4			T. Rigging	to be		ready for sea
5						
6						
7						
8			14th	at 6	A.M.	weighed anchor and came
9			to sail	in company		with the Ship Sally,
10			got out,	and found		a large sea and strong
11			current	to Eastward,		after an ineffectual
12			and fatiguing	struggle	of	five days
1			to hold	our own,		were at least seven leagues
2			to Leeward	of	Cape	Aden, but on the
3			19th	light	Winds	from the South & West
4			and the	Current		having in some degree
5			slackened,	with		our	both	oars;	we	by	spelling	1.
6			with all	sail,	at	the	close	of	the	day,	were
7			Cape	Aden	to	bear	W	by	N.	dis.	6	or	7	leagues.	in

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
	company	with	the	Sally,	seldom	finding			
	I believe	2	Vessels	so	nearly	matched	for	sailing	

& steering.

Reward from Aden — towards America 1806.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday 20th March
1			Begins,	Light	Winds	from West. very hazy,
2			and	South	water	at 3 P.M. wind shifted
3			in	to the	east.	again, took in study sails
4			and	braced	her	to it, stood on thro' the
5			night	with	light	winds from South &
6			East.			about the mean, N.E by E. a little
2			easterly.	at	5 A.M.	tacked to South & east
			in	company	with	the Sally, Ends light
			Winds	from	East	to E.N.E. hazy with
			very	hazy.		Lat obs. 13° North.
3.			21st	Light	Winds	from E.N.E. to E.S.E. & hazy.
			at	1 & 11	P.M.	tacked and at 5 & 8 A.M. —
			made	part	fresh	breezes. Lat. part Light Winds
			the	Land	in	sight and in company with
			the	Sally.		Lat obs. 13°-15' North
4th			22d	Light	Winds	and smooth sea, steady off and
			on	from	the	Coast of Arabia, and quite little
			or	none	Current	being against us. Lat. obs 13°16' N.

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Sunday 23d 1806
5.			Light	Winds	and	clear, from E.N.E. to E.S.E.
			standing	off	and	on but at close of the day
			no	Land	in	sight. in Company in the Sally
						Lat obs 12° 52.
6.			24th	Light	Winds	from E.N.E. to E.S.E. at 2 P.M.
			a	Large	Ship	passed us for the Westward.
			standing	off	and	on but no Land in sight
			this	day.	Sally	in Company. Lat. obs. 12°.45' N.
7.			25th	Light	Winds	from Eastward, standing off
			and	on;	the	Land in sight, in company
			with	the	Sally.	Lat. obs. 13° 10' N.
8.			26th	Begins	Light	Winds from the Eastward
			and	clear,	Mid &	Lat. part. Fresh breezes
			and	a	short	sea, standing off and on as
			before,	with	the	Sally Lat. obs. 13° 04' N
9.			27th	Begins	Fresh	Breezes standing off and on
			from	the	Arabian	Shore, Ends light Winds
			&	hazy,		Lat. obs. 13° 20' N.

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

Steered from Aden, Arabia towards America 1800

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Friday 28th March
1			Light Winds and	Clear. Off and on, Still		
2			fresh Light Airs &	Calms. Ends 2 or 3 Leagues		
3			to Westward of where we were yesterday.			10.
4			in Company	with the Sally Lat. Obs. 13°21 N.		
5						
6						
7			29th Light Winds	from Eastward, and		
8			Strong Current to	Westward. Standing off and		11.
9			on and just	Hold our own, Lat. Obs. 13°16' N.		
10						
11			30th Begins Pleasant	Breezes from South &		
12			East, standing off and on and find a			12.
1			Current in our favour; in Company with			
2			the Sally	Lat. Obs. 13°36 N.		
3						
4			31st Light Winds	from South & East and		
5			Calms. Off and on in Company with the Sally			13.
6						
7			April 1st Fresh Breezes	from East to	Lat Obs 13°38	
8			South East. Made a	Lat. from East. to E.N.E.		
9			Stand, with the	Sally. Lat Obs. 13°32' N		14
10						
11			2d Fresh	Breezes and very hazy, steered off from		
12			at 7 A.M. Cape Horquida bore N.N.E. about 4 Leagues			15.
			from which I take my departure.			

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
	From 7 A.M. to Noon about 3 knots p.r hour			Noon Sally in sight				Lat. Obs 13°35'	

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday 3d April
1	2	1	S.S.E.	East	3/4 pt	Light Winds and very hazy
2	2	1				at 2 from Tacked to North &
3	2	1	N.E.			East at 8 to South & East
4	2	1				
5	2	1				
6	2	1				
7	2	1	N E by N.	fresh		
8	2	1	N N E.			
9	2	1	S.E.			
10	2	1				
11	2	1	S E by E.	&		
12	2	1				16.
1	2	1				Ends, Light Winds and
2	2					smooth sea and a Cur-
3	2		S E. —	by.		rent to North & East —
4	2					Sally in sight — the weather
5	2					quarter, and a veer to
6	2					Westward.
7	2					
8	2					
9	2		S E by S.			Lat. Obs. 13°16' N.
10	2	1				
11	2	1	S S E		3/4 pt	
12	2	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.

Steer'd from Aden, Arabie towards America 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Friday 4th April
1	1	1	S S E.	East.	3/4 pt	Begins Light Winds &
2	1	1				hazy. —
3	2		S E by E -			/
4	2					
5	2	1				
6	3		S. E.	fresh		
7	3					
8	3					
9	3	1	S. S. E.			
10	4					
11	3		S E by S.	&		
12	2	1				
1	3					
2	3		S. S. E.	by.		Ends Light Airs, short
3	2	1				swell & cloudy hazy
4	2	1				weather
5	2					/
6	1	1				Current has veered to North
7	1		S by E.			& Eastward
8	1					
9	2		S. S. E.			
10	2					
11	2	1	S E by E.			
12	2	1			3/4 pt	Lat. Obs. 12-29' North

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
					3/4 point				

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Saturday 5th April
1	3		E by S 1/2 S.	N E by N	1/2 pt	
2	3					Begins Pleasant Breezes
3	3	1	E S E.	N. E.		and hazy Weather. —
4	4					/
5	3	1				
6	3	1				
7	3	1	S E by S.	E by N.		
8	3					Mid part - Light Airs &
9	1					Calms - with a dew like
10	1					fine rain. ———
11	1					
18. 12	1					
1	1		E S E.	N. E.		at 5 A.M. saw the land
2	1					of the Coast of Africa, —
3	1					Cape St. Peter, bear'g S.W.
4	1	1	E by S.	S by E.		8 or 9 Leagues and the
5	2					easternmost land S. E.
6	1	1				7 or 8 Leagues distant. —
7	"		Calm	——		
8	"					
9	1		E S E.	N. E.		
10	1	1				
11	1	1				
12	2		East. -	N N E.	1/2 pt	Lat. Obs. 12° 09' N

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

Reward from Aden, Arabia towards America 1806.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Sunday 6th April
1	5		East. —	N.N.E.		
2	5					Pleasant Breezes and
3	4	1	E by N.	N by E.		thick-hazy weather. —
4	4	1				
5	3	1	East. —	N N E.		at 1 P.M. saw Mount Felix
6	3					bearg E.S.E. 7 or 8 Leagues
7	1	1	E by N	S.W. —		distant. — — — —
8	1					
9	2		E.N.E.			
10	2	1				at 6 P.M. Mount Felix bore
11	1					
12	"		Calm	——		S.E. 4 to 5 Leagues distant 19
1	"					
2	"					Mid. & Sat. part. Calm
3	"					
4	"					with a very heavy dew.
5	"					
6	"					
7	"					at Noon Mt. Felix bore
8	"					
9	"					S.E. southerly about the
10	"					
11	1		E by S.	N E by N.		same distance
12	1					Lat. Obs. 12°14' N.

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Monday 7th April
1	2	1	East —	N by E.		
2	3					Light Breezes and hazy
3	3	1				
4	4		E. ½ S. —	North —		weather.
5	2					
6	2		E.S.E.			a short <u>bobbing-sea</u> and
7	2		S by E.			
8	1	1	S.S.E. —			appearance of heavy
9	1	1	East. —	South		Current from E.S.E. —
10	1	1		S.W. —		at 6 P.M. Mount Felix
11	1	1				
12	1					bore S.S.E. dist. 4 or 5 Leagues 20.
1	"		Calm	Calm		
2	"					Mid. part. <u>Calm</u>. ——
3	"					
4	"					
5	"					at 6 A.M. Mount Felix
6	"					
7	"					bore S.S.E. a little easterly
8	"					
9	"					find we have had a Cur
10	"					
11	1		E by S.	North		rent setting us to North
12	2					& Westward
						Lat. Obs. 12°21' N.

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

Rec.d from Aden, Arabia towards America 1806.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Tuesday 8th April
1	3		E by S.	North	3/4	Begin Light Breezes and
2	3		E S E.			hazy weather. at 4 P.M. Wind
3	2		S E by E.	Fresh		began to haul to Eastward
4	2					at 6 P.M. Mount Felix bore
5	4		S. S. E.			S.S.E. dis. 4 or 5 Leagues tacked
6	4	1	S E by S.			Ship to North.d & Eastward
7	5	-	S E ½ S.			at 7 took in Middle Steysail
8	4	1	S E by E.			& flying Jibb. at 8 H.T.Q. Sail
9	4	1				at ¼ past 9. Light Breezes
10	4	1	E N E.	Variable		from E.S.E to S.E. at 6 AM.
11	4					made sail again. ——
12	4					Ends. Pleasant Breezes
1	3	1	N E by N.			and clear Trade weather
2	3	1				Wind a dead set for us. —
3	3					Take an departure from Mt. Felix
4	3					Lat. Obs. 13° 12' N. —
5	3	1	N N E.	by		
6	3		N E by N			
7	3		N. E.			
8	3		N E ½ N.			
9	3					
10	3	1				
11	4				3/4	
12	4					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 32° E.	65	55-	34	13° 11' N	¾ W.t-	34	35'-	51° 25'	E. Lond.a

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Wednesday 9th April
1	2	1	N E —	E S E.		Light Winds and clear
2	2	1				weather. ——
3	2		N E by N.			
4	2		N. E.			
5	2	1				
6	3		N E by N.	Fresh		
7	2					
8	1	1				
9	2	1				
10	2	1				
11	2	1				
12	2	1	N. E.			
1	2		E N E.			
2	2					
3	2		E by N.			
4	2					
5	2	1				Trade-Clouds and smooth
6	2	1				sea. —
7	2					
8	2					Correct too of Course. —
9	2		N E by E.	by		
10	2					Lat. Obs. 13° 41' N. —
11	1	1				
12	1					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
N 45 E	43	30	30	13° 42' N	—	64	31'-	51° 56'	E.

A Copy of

Reward — from A.D.E.N. Arabia towards America 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday 10th April
1	"		Calm —	Calm	—	Begins Calm at 3 Light
2	"					Winds but unsteady. —
3	/		S.S.E	East. —		
4	/					
5	/					this day at short intervals
6	/					past thro' ranges of stone
7	2		S.E. —	E. & E.		tide ripps. but are not cer-
8	2					tain in what direction
9	2	/				they run. ——— 23 —
10	2	/				
11	2	/	S.S.E.			at 4 A.M. tacked to North
12	2					and eastward. —
1	/	/	Sby W. —			Ends, Light Winds, flying
2	/					Clouds and smooth sea
3	/	/				
4	/	/	E. & E.	S.E. —		
5	/					
6	/	/				
7	/	/				
8	/					
9	/	/				
10	/	/	East —			
11	/	/				* Lat. Obs. 13° 24' N. —
12	/	/				

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 50 E	22	14	17	13° 27'	N. 3/4 W	81 —	17'	52° 13'	E. Lon.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Friday 11th April —
1	"		Calm	Calm		
2	"					
3	"					Calm. ———
4	"					
5	"					
6	"					
7	"					
8	"					
9	"					
10	"					
11	"					
12	"					
1	"					Find by Observation that 24.
2	"					we have had a Current
3	"					to Northward, of more
4	"					than a knott p.r hour.
5	/	/	E by N.	S.E. by S.		
6	/	/				
7	"					
8	"					
9	/					Lat. Obs. 13° 58' N.
10	/					
11	/					
12	/					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
North	30	30	"	13° 54'	—	81 —	"	52° 13'	East

Rec'd R.R. from Aden Arabia towards America 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Saturday 12th April
1	"		Calm	Calm		Begins Calm. at 1 P.M.
2	"					lowered down the small
3	"					boat and sent her with
4	"					an Iron pot & 100 f athoms
5	"					line to find the strength
6	"					
7	"					
8	"					and direction of the Current.
9	/		S by E.	E by S.	—	found it setting about
10	2					
11	2					North ½ Compass better than
25 12	2					a knott p.r hour.
1	"		Calm	Calm		
2	"					Light Airs from South &
3	"					by East and ensd smooth sea
4	"					
5	"					since by Obs. the Current
6	"					has continued to North
7	"					
8	"					
9	"					about 1 knott p.r hour
10	"		South	E.S.E.	*	Long. p.r D. Obs. dist. 0 d (50°15' E Lon.
11	1					
12	1					Lat. Obs. 14°16' North

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
North	20	20	"	14°18' N.	3/4 W.	81.	"	52°13' E.	"

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Sunday 13th April
1	2		S by W.	S by E.		Begins Light Airs from
2	2					E.S.E. to S.E. and clear-
3	/	/	S.S.W.	S E.		
4	/	/				weather - strong symptoms
5	/	/				that the Current continued.
6	/	/				
7	/	/	S by W.			
8	/	/				
9	2		N.E.	E.S.E.		
10	2					
11	/	/	E by E.	—		
26 12	/	/				
1	"		Calm	Calm		Long. p.r Lun. Obs.d distance 0 d
2	"					make her in 49°30' E. Lon.
3	"					
4	"					
5	"					Since by Obs.n the Current
6	"					has continued to Northward
7	"					
8	"					and we can't help ourselves
9	"		E by N	S by S.		from going with it.
10	/					
11	2					Lat. Obs. 14°34' N.
12	2					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

R. W. & R. D. from Aden, Arabia, towards I don't know where.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Monday April 14th
1	/	/	E by N.	E by S.		
2	/	/	E & E.			Light Winds & clear
3	/	/				weather.
4	/	/	E by N	full		
5	/	/				at 6 P.M. saw the Land
6	/	/				of the Coast of Arabia
7	/		Calm	Calm		bearg from N by E to N W.
8	"					dist 7 or 8 Leagues
9	"					
10	/	/	S by E.	and		
11	/	/				
12	/	/				27.
1	/	/	S.S.W.			
2	/					Find by Obs the Current
3	2		E by S.	by		continues to Northward
4	2					about the same.
5	/	/				
6	/	/				
7	/					at 12 Land bore from N & E
8	/					to N W by W.
9	/		E & E.	L. E.		
10	/					
11	"		Calm	Calm		Lat. Obs. 14° 54' N.
12	"					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Tuesday April 15th
1	"		Calm	Calm	—	Begins Calm.
2	"					
3	"					and very hazy weather.
4	"					
5	"					at 6 P.M. the Land bore from
6	"		E S E.	South		N by E to W. N W. 5 or 6 Leagues.
7	/					
8	/					
9	/					
10	/					
11	/	/	S E by E.			
12	/	/				28 —
1	2		S. E. —	S S W.		at 6 A.M. the eastermost
2	2					Land bore N½ W.
3	/	/				
4	/					Find the Current has abat
5	/					ed in some Measure to
6	/					
7	/		S. S. E.	S. W.		the Northward.
8	/					
9	/		S. E.	S S W.		
10	/					
11	/	/				Lat. Obs. 14° 50' N.
12	/	/	S. S. E.	S. W.		

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

Returns from Aden, Arabia towards America — 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Wednesday 16th April
1	1	1	S.E.	S S W.		Begins Light Winds —
2	1	1				
3	1	1	S E by E	S by W		very hazy weather. at 6 PM.
4	1	1	S E	S S W		the Land bore N ½ W. —
5	1	1				
6	1	1	S E by E.	S by W		
7	2					
8	2		S.E.	S S W		
9	2					
10	2					
11	2	1				
29 12	2	1				Lat. part. Light Winds
1	1	1	S E by S.	S W by S.		and Overcast. ———
2	1	1				
3	1		S. S. E.	S W.		
4	1					
5	1	1				Small if any Current
6	1	1				to the Northward. —
7	1	1		W by S.		
8	1					
9	1					
4 10	1					Lat. Obs. 14° 32' N.
11	1	1		S W. —		
12	1	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday 17th April
5 1	"		Calm	Calm		Calm and Cloudy. —
2	"					
3	"					
4	"					Mid. part Light Airs,
5	"					passing Clouds, ———
6	"					
6 7	"					
8	1		S S W	S. E.		
9	1		S W	—		at 9 P.M. tacked to East
10	1	1	E S E.	—		ward. —
11	2					
30. 12	2					
7 1	1	1	E by S.	S by E.		
2	2					
3	2	1	S E by E.	S by W		
4	2					
8. 5	1		S. E.	S. S. W.		Calm and scattering
6	1					Clouds.
7	"		Calm	Calm		
8	"					
9	"					
9. 10	"					
11	1		S W.	S. S. E.		Lat. Obs. 14° 24' N.
12	1					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

Returned from A.B.E.N. Arabia towards America - 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Friday 18th April
1	"		Calm	Calm		
2	"					Calm, and smooth sea
3	"					
4	"					
5	"					
6	"					
7	1		E.S.E.	South		Struck bank to the West
8	"		Calm	---		
9	"					
10	1		E.S.E.	South		
11	2					
12	3		S.E. by E.	"		
1	3					Cloudy with Light Brez- 31.
2	2					zes. ----------
3	1	1	S.E. -	S.S.W.		
4	1					I believe a Current has
5	"		Calm	Calm		begun to Northward -
6	"					again. ---------- very
7	1		S.S.E. -	S.W. -		Hazy. ----
8	1					Lat. Obs. 14° 20' N.
9	1	1				
10	1	1				
11	2	1				
12	3	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Saturday 19th April
1	3	1	S.S.E.	S.W. -		
2	3	1				Begins - Light breezes and
3	3	1				Cloudy.
4	3					
5	3					Great Numbers of Fish about.
6	2					
7	"		Calm	Calm		
8	"					
9	"					Caught 8 or 10 score of Pilot
10	"					Fish, with hooks & Lines. - 32. -
11	"					
12	"					
1	1		S.E.	S.S.W.		Calm and Cloudy. -
2	1	1				
3	1	1				
4	1	1	E.S.E.	South		Light Winds, cloudy, &
5	1					smooth sea. ----
6	1					
7	1	1				
8	1	1				
9	1	1				
10	2		S by E.			
11	2					Lat. Obs. 13° 49' N.
12	1	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

Return from N.E.N. Arabia, towards America — 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Sunday 20th April
1	1		S.E.	S.S.W.		Light Winds and
2	1		S S E.	S W.		Clear weather. —
3	1					
4	1					
5	1	1				
6	2					
7	"		Calm	Calm		Tolerably successful at
8	"		S E ½ E.	S.S.W.		fishing this day
9	1					laboured.
10	1					
11	1	1				
33- 12	2					
1	1	1	S.S.E.	S W.		
2	1	1				Lat. part. Light Airs
3	2		S E by S.	"		and very hazy. —
4	2					
5	2		S.E.			
6	2					
7	1	1				
8	1	1				
9	1	1	S E by E.	S by W.		Lat. Obs. 13. 34 N.
10	1					
11	1					
12	1		East.	S.S.E.		

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Monday 21st April
1	1		E N E.	S E.		Light Airs and hazy.
2	1		S W by S.	"		at 2 Tacked Ship. —
3	1					
4	1		Calm	Calm		Large Number of Spermaceti
5	"					Whales about in sight.
6	"					at 2 saw something heavy
7	"					the appearance of land
8	"					bear'g. S.S.W. — — —
9	"					
10	"					
11	"					
7. 34- 12	"					
1	1		E. by S.	S by E.		at 6. the eastern part of So-
2	1					cotra bore S.S.W. Westerly dis
3	1					about 15 Leagues, which is
4	1					
8. 5	1		E.S.E.			in the Long. 53° E. London &
6	1					from which I take a departure
7	1	1	E. by S.			
8	1	1				
9. 9	1	1	E. ½ S.			Large long swell from Southeast
10	1	1				
11	1	1				Lat. Obs. 13° 34' N.
12	1	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
East.	15.	"	15-	13° 34'-	3/4 point	30	15'	53° 30'	E. —

Rec'd. from ~~NNE~~ E.N.E. Arabia towards Ameuille 1800.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Tuesday 22d. April
1	/	/	E by S.	S by E.		
2	/	/	E S E	"		Light Airs and hazy
3	/	/				weather. —
4	/					
5	/	/				
6	/	/				
7	/		E by S.			Caught above 200 Pilot
8	/					Fish this day. —
9	/					
10	/					
11	/					
12	/					35
1	/					Light Airs but very
2	/					variable
3	/		East	S.S.E.		
4	/					
5	/					
6	"			Calm		Fine we have had a
7	"					Current to Northward
8	/		E by N.	—		of 1 knott p.r hour
9	/					
10	/		E by S.			Lat. Obs 13°56' N.
11	/			"		
12	/					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
N45E.	33.	23.	23	13°57' N	3/4 W	53'	23'	53°53' E.	—

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Wednesday 23d. April
1	/		E.S.E.	South		
2	/	/	S.E.			Light Airs and clear
3	/		S.E. by S.			weather. —
4	/					
5	"		Calm	Calm		
6	"					
7	"					
8	"					Mid part. Calm. —
9	"					
10	"					
11	"					
12	/		S.E. by E.	S. by W.		36 —
1	2	/				Ends Light, Trade-Winds
2	2	/				with Trade-weather & cloudy.
3	2	"	S.E. —	S.S.W.		Caught about 150 or 160 Pilot
4	3	"				Fish this day. —
5	2	/				
6	2					Wind, Current continues about
7	2					the same to Northward
8	2					
9	2	/	S E by S.			
10	2	/				
11	2	/	S.S.E.	S W. —		Lat. Obs 14°08' N.
12	2					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
N66E	30.	12	27.	14°08'	7° —	80'	27 —	54°20' E.	—

Rett. Ind. from Aden, Arabia towards America — 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday 24th April
1	/	/	S.S.E.	S.W.		
2	/	/				Light Airs and clear. —
3	/					
4	/					Variation Eog. Amp. 5°11' W.
5	"			Calm		
6	"					
7	"					
8	"					
9	"					
10	"					
11	"					Calm
12	/		E by S.	S by E.		
1	/					
2	/			Calm		at 6 A.m. Light Airs from
3	"					the North & West —
4	"					
5	"					
6	"					
7	/	/	S by E.	N.N.W.		
8	/	/				
9	/					
10	/					Lat. Obs. 13°56' N. —
11	"	/				
12	"			Calm		

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 38 E.	14	12	7.	13°56'	½ pt —	87.	7.	54°2'	E. —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Friday 25th 1806.
1	/		S E by E.	S by W.		
2	/	/				Light Airs and clear warm
3	/	/				weather. —
4	/	/	S.E.	S S W		
5	/					
6	/		S by E.	W. S.W.		
7	/	/				
8	/	/				Smooth Sea
9	/	/				
10	/	/				
11	/					
12	/					
1	/	/				
2	/	/				Great Numbers of Fish
3	/	/				about the Brig. —
4	/	/				
5	/					
6	/					0° Lon. Lat. 2g' North.
7	/					
8	/					
9	/					
10	/	/				Lat. Obs. 13°2g' N. —
11	/	/				
12	2					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 26 E.	30.	27.	13.	13°2g'	½ pt —	100'	13	54°4'	E. —

Return from Aden, Arabia towards America 1806.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Saturday 26th April
1	3		S by E	West.		
2	3	1				Pleasant Breeze and
3	3	1				clear weather. ——
4	3	1				
5	3					Caught this day about
6	3					200 Pilot-Fish. ——
7	2	1				
8	2	1				
9	1	1				
10	1					
11	1					
12	1					
1	1					
2	1					
3	1	1	S.S.E.	S.W.		Ends, pleasant breeze &
4	1	1				clear.
5	1	1	S E by S.			
6	1	1				Var. Dis. 0-58' S. ——
7	2		S by E.			
8	3					Correct. allow it in distance
9	3					
10	3		S by E½E.			Lat. Obt. 12°27' N.
11	3					
12	3					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 18 E.	64	61	20	12°28'	½ Var.	120'	— 20	55°—	E. ——

39

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Sunday 27th April
1	3	1	S.S.E.	West. —		
2	3	1				Pleasant Breeze and
3	2					clear weather. ——
4	3					
5	3					at 3 P.M. saw a sail to
6	3					Windward. ———
7	3					
8	2	1				at 6 A.M. saw two Sail
9	2					
10	2					to Windward. ——
11	2	1	S.E. by E½E.	S.W. by S.		
12	2	1				
1	3	-	S.S.E.	S.W. —		Pleasant Breeze and
2	3					clear. ——
3	3					
4	3					
5	2	1				Strong Side-Rips.
6	2	1				
7	2	1				
8	2	1				
9	3	1				
10	3	1				Lat. Obt. 11°24' N.
11	4					
12	4	1				

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 31 E.	70.	60	36	11°27'—	5°— W	156	— 37'	55°37'	E. ——

40.

Return from N.E.N. Arabia towards America 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Monday 28th April
1	4		S.S.E.	S.W.		Light Breze and clear
2	3	1				passed three Dowds stand
3	3	1				to the Northward, deep
4	3					loaded.
5	2	1				
6	2					
7	1	1				
8	1			N.W.		
9	1			Calm		Inclines to a Calm —
10	"					
11	"					Calm. — —
12	"					
1	"					
2	"					Sail in sight to Windward
3	"		E.S.E.	South		still. —
4	1		E.S.E.			
5	1		S.E. by S.	—		
6	1	1				
7	1	1				
8	1	1	S.E. ½ S.			
9	1	1				
10	2					Lat. Obs. 10°-54' N.
11	2	1				
12	2	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 32 E°	36	30.	19.	10° 54'	½ point.	175	— 31	56°08'	E°

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Tuesday 29th April
1	1		S.E. ½ S.	S.S.W.		
2	1					Light Airs and flying
3	1					Clouds. —
4	1					
5	1		S.S.E. —	S.W.		
6	"		—	Calm		Long large swell from the
7	"					Southward
8	"					
9	1		S.S.E.	—		at 12 Mer. Spoke the Ship
10	1					Sally, Capt. Williams, our
11	"					oldest Companion, ———
12	"					
1	"					
2	"					
3	"					
4	"					
5	"					Variation Evg Amp. 4-41' W
6	"					
7	1	1	W.S.W.			
8	1	1				
9	1		S.W. by W.			Lat. Obs. 10°-47' N.
10	1	1				
11	1	1				
12	2		E.S.E.			

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 6 E.	7.	7.	1.	10°-47'	5° W.	176	1	56°-07'	E° —

Returned from A.E.N. Arabia, towards America 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Wednesday 30th April
1	1	1	S.E.	S.S.W.		
2	1	1	S.E by S.	"		Light Winds and clear
3	1		S.S.E.			
4	1					
5	1					
6	1					Long-large-swell continued from the Southward
7	1	1				
8	1					Joined on board the Sally.
9	1		S.E by S.			
10	1					Mid. pt. Light Airs —
11	1					
12	1					43
1	1	1	S.S.E.	S.W. —		
2	1	1				Ends, Pleasant. Breeze &
3	1					Clear: the Sally in company.
4	1					
5	1	1	S.S.E ½ E —			
6	2					
7	2	1				
8	3					
9	3					
10	3					Lat. Obs. 10°15' N.
11	3					
12	2	1				

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 33 E	38	32	21	10°15'	½ point	197.	21	56°28	E. —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday May 1st
1	2	1	S.S.E.	S.W.		
2	2	1				Light Breeze and clear
3	2	1				pleasant-weather
4	2	1				
5	2	1		W.S.W		
6	2	1				Very-large-long-Swell from
7	3	1				Southward still. —
8	4					Joined on board the Sally.
9	4					
10	3	1				Light Airs. ——
11	2					
12	2					Dark squally-looking weath- 44
1	2					
2	1	1				er to the South'd & Eat'd
3	1	1				and considerable lightning.
4	1	1				
5	2					Ends Light Breeze and
6	3					pleasant. ——
7	2		S E by S.	S W by S.		Sally still in Company.
8	2					Had a strong Current Southerly.
9	3	-	S.S.E.	S.W. —		1 knott p'r hour
10	3					
11	3					Lat. Obs. 8°54' N.
12	3					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 21 E.	86	80	30	8°55' N	½ point	227	31	56°59	E. —

Returned from N.E.t. Arabia towards America - 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Friday May 2d —
1	2		S.S.E.	W.S.W.		Light Breezes & Cloudy
2	2					with a heavy swell from
3	1	1				South & West —
4	1	1				
5	2					Appearance of the Current
6	2					continuing. —
7	1	1				
8	2	1				Middle part Squally with
9	3					Thunder & Lightning. —
10	3					
11	3	1				Take as many fish as we can
12	3	1				find use for. —
1	2	1	S.E by S.	S.W by S.		Sat. part. Squally, with heavy
2	2	1				rain and Thunder & Lightning.
3	2	1	S.S.E. —	S.W.		
4	2	1				In company with the Sally
5	2	1				
6	2					End. Calm.
7	3			W.S.W		
8	5			To		No. Observation
9	3			W.S.W. —		
10	"	-	———	Calm		
11	"					
12	"					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 29 E	53	46	26	8° 08' —	½ p.t all the	253	26'	57° 25'	E. —

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Saturday May 3d —
1	2	1	S.S.E.	W.S.W.		Pleasant Breezes and cloudy
2	3					squally weather. —
3	4	1				
4	4			to		Large rolling sea from West —
5	3	1				
6	4					Sally in Company. —
7	4					
8	3	1		West		Fish, continue abundant.
9	3	1				
10	3	1				Sat. part. Moderate breezes
11	3					and flying Clouds. sat.
12	3					Lower. T.t.M. & M.t.G. studd sails. —
1	2	1		S.W.		
2	2	1				Find by Observation that
3	2	1				the Current has given us
4	2	1				a set to South'd the last 48
5	3	1				hours of 36 Miles. ———
6	3	1				
7	3			West		Correct. Lat. Obs.d 6° 24' N.
8	3					
9	3					
10	2	1				
11	2	1				
12	3	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 19° E	110	104	36	6° 24' N	½ p.t all the	289	36'	58° 01'	E. —

Rett. Ard. from Aden, Arabia towards America - 1806 -

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Sunday May 4th.
1	3	1	S.S.E.	W.S.W.		
2	2	1				Light Breezes, large
3	2					swell from Westward
4	3					and pleasant weather
5	3			Variable		Variation Ewd. Amp. 4°51' W.
6	3					
7	2			From		Great Number of Birds. -
8	2					
9	1	1		S.W.		
10	1	1				
11	1	1		to		Lat. past. Squally with
12	1	1				heavy showers of rain.
1	1			North		
2	1					
3	1					
4	1					
5	1					
6	1	1		to		
7	1	1				
8	2					
9	3			S.W. -		
10	3					
11	3					No Observation
12	3					

47.

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 27 E.	54	48	24	5°36'	5°W	313.	- 24'	58°25'	E.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Monday May 5th
1	4		S.S.E.	W.S.W.		
2	4					Moderate Breezes and
3	4					Cloudy, squally weather
4	1		S.E. -	S.S.W.		with distant Thunder & Light-
5	1		S.S.E.	W.S.W.		ning. ----------
6	1					
7	2	1				at 4 P.M. spoke the Sally.
8	3	1				
9	1	1				Mid. part Light breezes &
10	1	1				clear Lower. Top. Mast. & S. Gall.
11	1	1				Stud. Sails out. ------
12	2					
1	2	1		N.W.		Great Numbers of Birds of
2	3			to		the Lapwing Species.
3	2	1				
4	2	1				
5	2	1				
6	2			West		
7	2					
8	2			to		
9	2					
10	2			North		Lat. Obsd 4°48' North
11	2	1				
12	2	1				

48

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 27 E	54	48	25	4°48'	5°W	338	25	58°50'	E.

Return from N.E.N. Arabia towards America — 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Tuesday May 6th
1	2	1	S.S.E.	West. —		Light Breezes and pleas-
2	2	1				ant weather, ———
3	3	1				
4	3	1		S.W. by W.		at 7 P.M. Looks squally
5	3	1				
6	3	1				with lightning. —
7	4					
8	3					
9	3	1		W.S.W.		Mod.te & Lat. part. Moderate
10	3	1				
11	4					Breezes and fine weath-
12	4					
1	3	1				er. ——— ———
2	3			to		
3	4					Great Numbers of Birds
4	4	1				Boobies, Men of War, Lapwings &c.
5	4			West. —		
6	4					Sally in Company. —
7	4					
8	4					
9	4					
10	4			W. by W.		Lat. Obd. 3° 33' N.
11	4	1				
12	4	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 27 E.	89.	79	40	3° 29'	5 W.	378	40	59° 30' E.	

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Wednesday May 7th
1	4	1	S. by S.	West. —		
2	4	1				Moderate Breezes and
3	4	1				passing Clouds. —
4	4	1		W.S.W.		
5	4					from 7 P.M to 10 Squally
6	4					with rain & Thunder and
7	4	1				
8	4	1				Lightning. ——— ———
9	3					
10	3	1				
11	3	1				
12	3					Lat. part. Squally with
1	2	1				
2	2	1				rain. —
3	3		S.E. ½ E.	S. by W.		
4	3					Sally in Company. —
5	3					
6	3			Variable		
7	2	1	S.E. ½ S.	S.S.W.		
8	2	1				
9	3		S.E. —			
10	4					Lat. Obd. 2° 31' N.
11	4	1	S.E. by S.			
12	4	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 42 E.	85	63	57	2° 30'	3 W.	435	57	60° 27' E.	

REMARKS — from N.E. Arabia towards America 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Thursday May 8th
1	2		S.E.	S.W by S.		
2	2					Light Winds ————
3	2					
4	2					
5	2					Squally with Thunder.
6	1	1				
7	1					Lightning & rain. ——
8	"					
9	1	1	E by S.	S by E.		Variation Obsd. Amp. 4°15' W.
10	2		E S E. —	South		
11	2	1				
12	3		S E by E.	S S W		Lat. past. Squally, with
1	3	1	S.E.	S W by S.		light Winds, at 8 saw a 51
2	3	1				Sail to Windward
3	3	1				standing down for us. —
4	3	1				
5	2	1				at 11 A.M. fired a Gun
6	3					
7	4					hove too, in company with
8	6					the Sally, who came immed-
9	3					iately to boarded. Under
10	2					French Colours.
11	1	1				Lat. Obs. 1°52' N. —
12	2					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 53 E	59	35	47	1°56' N	¼ pt —	482	47	61,14	E. —

H	K	F	Courses.	Winds	LEE-WAY.	Remarks Friday May 9th —
1	"		Lying too	S.W. —		
2	2		S.E. — —			Light Winds and unsettled
3	4					weather, lying Too, at 1
4	5					P.M. were boarded from
5	4					
6	4					the Frigate, who gave me
7	3	1	S E by E ½ E.	S S W.		information of War be-
8	3			to		
9	3	1				tween England & America
10	3	1				
11	3			South		at ½ past 1 the boat left 52
12	2					
1	2					us, and we made sail
2	2					
3	3		E by S.	from		
4	2	1	E S E.	all		East. Squally, unsettled
5	3	1	S E by E ½ E.	points		weather. ————
6	3	1				
7	4					
8	3		E. S E. —			Lat. Obs 1°22' N. —
9	3		S E by E ½ E.			
10	3	1		S S W		
11	3	1				
12	3					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 63 E	75	34	67	1°18' N.	¼ pt —	549	67	62°21'	E. —

Remarks from Ab. Et. Arabia towards America - 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Saturday May 10th —
1	3		S E by E 1/2 E	South		Light Winds and squally
2	3					weather. —
3	2					
4	3					
5	3					
6	3		E by S 1/2 S			
7	3					
8	2	1				
9	2	1	E S E.	S		Mod & Lat. part. — Unsteady
10	3					Winds and squally. —
11	3					
53 12	3					
1	3		E by S.	Varies		In Company with the Sally
2	3					
3	3					
4	3					
5	3		- East. -			
6	3		E N E. —			
7	2					
8	2		N E. —			
9	"					No Observation
10	/	/	E N E			
11	/	/	E S E.			
12	/	/				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 80 E.	58	10	57	1° 12' N.	4 1/2 E	606	57	63° 18' E.	—

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Sunday May 11th
1	"					Calm -
2	"					
3	"					
4	"					Heavy, black, squally - Cloudy
5	"					lying round the whole
6	"					Horizon. ——
7	"					
8	"					
9	"				*	Long. p^r Lunar this day 65° 18' E. Lon.
10	"					Large - long - swell from the
11	"					Southward. ——
7. 54 - 12	"					
1	"					
2	"					
3	"					
8 4	"					Calm, and clear weather -
5	"					
6	"					
7	"					
8	"					Correct. Lat. by allowing her
9	"					to have been Home Northward by
10	"					the swell, and going N E
11	"					off, the last day Noon by Lof.
12	"					Lat. Obs. 1° 27' N.

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
North	15.	15.	—	1° 27' N	4 1/2 E	606	—	63° 18'	E. —

Rec'd. from Ale N. Arabia towards America — 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Monday May 12th
1	"		—	Calm		
2	"					
3	"					Calm & Clear. —
4	"					
5	"					Variation Eveg Amp. 3°20'W
6	"					
7	"					
8	/		E S.E.	South		Sally in sight
9	"					
10	"		E by S.			
11	/					
12	/					
1	/	/	E S.E.			Mid & Lat. part Light 55
2	/	/				Airs & Clear. —
3	/	/	S E by E.			
4	/	/				
5	/	/	E by S.			I think there must
6	/	/				have been a Current
7	/					
8	/					to South 2 ----------
9	/					
10	/					
11	"					Lat. Obs 1°13' N
12	/		East. —	S S.E.		

Course.	Dist.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
S 4 E	22	14	16	1°13'	3°20'W.	622	16	63°34'	E. —

H	K	F	Courses	Winds	LEE-WAY.	Remarks on Tuesday May 13th
1	/		E S E -	South		Light Airs & clear weather
2	/					
3	/		East. —			
4	/					Sally in Company —
5	/		E by S.			
6	/					
7	/		East. —	fresh		Mid. part. Moderate
8	/		E by N. -			Breezes and squally.
9	5		S by W. -			
10	4					
11	3	/	S W.			Lost sight of the Sally
12	3					last night. — 56
1	/	/	S W by W.	&		
2	2					
3	2	/	S E. ½ E.			Ships in sight upon
4	3		S E by E.			
5	3	/				Lee-Bow. —
6	3	/				
7	2	/	S E by E ½ E.	by.		
8	2	/				
9	/		E. S. E.			
10	/	/				
11	/	/	E by S.			Lat. Obs 0°51' N.
12	2					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
S 39 E	30	23	19	53' N.	¼ W	641	19.	63°53'	E. —

Bartholomew

Rem.ks from N.E.N. Arabia towards America 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Wednesday May 14th
1	4	1	East.	S.S.E.		Begins, dark-thick squal
2	4	1				lt weather ———
3	3	1	South	E.S.E.		
4	3	1				at 5 P.M. spoke the Sally
5	2	1	S.S.W.	S.E.		
6	1	1		Calm		Mid part. Squally with
7	"					rain. ———
8	"					
9	"					
10	1		S.E. —	S.S.W.		Last part. Fine pleasant
11	1					weather, at 9 A.M. Capt
12	1					Williams of the Sally
1	1	1	E.S.E.	South		came on board, took 2 lun
2	3					ar Observations, differed
3	1	1	S.S.E.	East —		16′ only. at 12 Mer. went on
4	1					board of the Sally with him
5	1	1	W.S.W.	South		to dine.
6	1		West —			
7	1	1	S.W. —			
8	2		S.W by W			
9	1	1	W by S.			Long. by Lun. mean 2 Lun. obs. 64° 66′ 49″ E.
10	1	1			*	
11	1	1	W.S.W.	South		Lat. Obs. 37′ North
12	1	1				

57.

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 19 E.	15	14	5	37′ N	¼ pt —	646	5′	63° 38′	E. 66° 49′ L.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday May 15th
1	1	1	W.S.W.	South		Light Airs and clear
2	1		W by S.			Trade-weather. ———
3	1	1	S.E by E.			
4	1					Found by examination the
5	1		S.E. —	S.S.W.		last day, my Sextant was
6	1					out of order, rectified it.
7	1	1	S.S.E.	S.W.		
8	1	1				
9	1	1				
10	1	1				
11	1		E.S.E. —	South		Squally, with heavy rain
12	1					and unsteady Winds, &
1	1		S.E. —			
2	1	1				considerable Lightning. —
3	2	1	S.S.E.	S.W.		
4	3			North		Long. — large swell from South
5	2			S.W. —		
6	2	1				By Obs.n we have been drove
7	2		S.E. —	S.S.W.		to North — by the swell ¾ knott
8	2					
9	1		E.S.E. —	South		pr hour or have had a Cur
10	1					rent that way.
11	1					Lat. Obs. 33′ N.
12	1					

58.

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 77 E.	18	4	18	33′ N	¼ pt —	664	18	64° 16	— 67° 07′ E.

Pilot Anno. from Aux Cayes towards America - 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Friday May 16th
1	3		S. E. —	S S W		
2	2	1				Dark squally - weather
3	1	1	S by E ½ E.	S. W.		with thunder & lightning.
4	1	1				Very large long - Swell from South
5	1		S E by S.			
6	1					Variation Evg Amp. 2° 13' W
7	1					
8	1					
9	1					Mid. part. Black heavy
10	1					squalls, at all points,
11	1	1				
12	1	1				sharp lightning, and 59
1	2		E S E. -	South		heavy rain. -
2	2					
3	2					Under short-sail. —
4	2					
5	1		S E by E.			Calm, and Cloudy, swell
6	1					continues.
7	1					
8	1			Calm		In company with the Sally
9	"					
10	"					Same weather & the Sea or Current to
11	"					
12	"					North as before. Lat. Obs. 33' N

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
East	20	—	20	33'	2° W.	684	20 -	64° 36'	67° 27'

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Saturday May 17th
1	"		—	Calm		
2	"					Calm at 2 P.M. & Moderate
3	4		South	North		Squalls from the North
4	2	1				
5	1	1				
6	"		—	Calm		Mid & Lat. part. Small
7	"					
8	"					breezes and fine weather
9	1		S. E.	S S W.		
10	1	1				at 9. A.M. Capt. R. Williams
11	1	1				
12	1	1				of the Sally came on board 60.
1	2		S E by S.			at 11 A.M. went on board
2	2					
3	2		S. S. E.			the Sally with him & dined.
4	2					
5	2		S E by S.			
6	2					
7	3					
8	2	1				Current slacken a little
9	2	1	E S E.	South		
10	2	1				Lat. Obs 2 16' N.
11	3					
12	3	1				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
S 54 E	29	17	23	16' N.	2 W	707	23	64° 59	67° 50'

Passage from A.C.E.N. Arabia towards America - 1806.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Sunday 18th May
1	3		SE by S.	SW by S.		
2	3					Light Breezes and pleasant. Capt. Williams
3	3					
4	3					
5	2	1	SE. -			of the Sally, from his own
6	2	1				
7	2					indigent stock, spared me
8	2					
9	2	-	SE by S.	Full		16 3/4 lb. of Bread. being entirely
10	2					
11	2	1	SE by E.			out. from the uncommon length
12	2	1				
1	2		SE.	and		of our passage so far, and he
2	2					being fearful of distress per
3	2					
4	2					sails of the Capt. S. I. Hope
5	1	1	SE by E.	by -		I spared him a Sup. Sail &
6	1	1				few yards - S. I. Cask and Ball
7	1	1				
8	1	1				of Water.
9	1	1	SE 1/2 E			Winds, Light Winds, & pleasant.
10	1	1				Sally not far off. ———
11	2		S.E.			
12	2		SE by S.			Lat. Obd 16' S.

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 45 E	51.	36	36	20' S.	2°W	743	36	65°35'	68°26'

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Monday 19th May
1	2		SE by S.	SW by S.		
2	2					Light Winds and pleas-
3	2	1				
4	2	1				ant weather. ———
5	2		SE 1/2 S.			
6	2					
7	2		SE by S.			In company with the Sally.
8	2					
9	2		SE 1/2 E.	S.S.W.		
10	2					Large-swell from South
11	2		S.E.			
12	2	1				
1	3		S.E by E.			
2	3					Moderate Breezes &
3	3					
4	3					clear - trade weather
5	3		E.S.E	South.		
6	3					
7	3	1	E 1/2 S.			
8	3	1				
9	2	1	E by S.			
10	2	1				
11	2	1	E 1/2 S.			Lat. Obd 48' South
12	2	1				

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 57 E	56	30	47	46' S.	1°—	790	- 47	66°22'	69°13' E

Remarks from A. & E. Arabia towards America - 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Tuesday 20th May
1	2	/	East. –			
2	2	/				Light Winds and
3	2	/	S W by W ½ W			pleasant. –
4	2	/				
5	2	/	West. –			
6	2					at 6 p M. spoke the Sally
7	2	/	E by S.			
8	2	/				
9	3					
10	3					Mid part. Squally
11	4		E S E.			with rain.
12	4					63
1	3	/	E by S.			
2	3	/				at 5. Att. I had a small
3	3	/				bleeding at the Lungs. –
4	3	/				asked Capt Williams
5	3		East. –			if the Sally on board
6	3					to bleed me, but they did
7	2					not succeed in getting blood.
8	2					
9	3	/	S W ½ W.			Lat. Obs. 5 9' S. –
10	3	/				
11	3		S W. –			
12	3					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
S 68 E.	32	12	30	1° S. –	1° W	820	30	66° 52'	69° 43' E.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Wednesday 21st May.
1	3		S W by S.	S E by S.	¼ point	Moderate Breezes and
2	3					squally weather
3	1		W by S.	Calm. –		
4	"					
5	"					
6	"					Mid. part. Dark squally
7	"					
8	/		E S E. –	South		weather, with rain and
9	"			Calm.		lightning.
10	"					
11	"					
12	"					A large swell from Southward 264
1	3		S W ½ S.	S S E		
2	3	/				
3	3	/				Sally in Company. –
4	3	/				
5	/	/	S W by S.	S E by S.		
6	2					
7	2		S S W.			
8	2					
9	2					
10	/	/				Lat. Obs. 1° 23' South
11	/	/	S ½ W. –	–	¼ W –	
12	/	/				

Course.	Dist.	Diff. lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
S 35 W	32	26	18	1° 25' S.	1° all	802.	18	66° 34'	69° 25' E.

Remarks from N.W.E.S. Arabia towards America 1800.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday 22d May.
1	1	1	South	E.S.E.	1/4 pt	Light Breezes and squally
2	1					
3	"			Calm		
4	"					A large heavy swell from
5	"					South & East - still. —
6	"					
7	"			Varies		
8	1					In company with the Sally
9	2		S.S.E.	from South		
10	3		South	to		
11	"		Calm.	N.N.W.		Mod. part. Dark-squally
12	"					
1	1		S.S.E.	S.W. —		weather. —
2	1	1				
3	1	1				
4	1	1				
5	1		S.E. —	S.S.W.		Light Winds and squally
6	1					
7	1					
8	2					
9	1	1				
10	1	1				Lat. Obs. 1° 43' South
11	1	1			1/4 pt	
12	1	1				

65

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 27 E	24	21	11	1°44' S	1°W	813	11	66°45'	66°36' E

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Friday May 23d —
1	1	1	S.E.	S.S.W.	1/4 pt	Light Winds & squally
2	1	1				
3	3		S.S.E.	S.W.		weather
4	3					
5	1	1				
6	1					
7	2		S by E.	S W by W.		Mod. part. - Dark-squally
8	3					
9	3	1	S.S.E.	S.W.		weather and Winds
10	4					
11	3	1				very unsteady. —
12	3	-				
1	3					
2	3					Very heavy swell from
3	2	1	S.E.	S.S.W.		South'd & East'd. —
4	2	1				
5	3		S E ½ S.			Sally in Company.
6	2					
7	2		S E by E.	S by W.		
8	1	1				
9	1		S.E. —	S.S.W.		Lat. Obs'd 2° 25' South
10	1					
11	1				1/4 pt	
12	1					

66

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 33 E.	52	43	28	2°26' S	1°W	841	28	67°13'	70°-04

Pursued from W.E.N. Arabia towards America 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Saturday May 24th
1	2		S.S.E.	S.W.	1/4	Light Winds & squally
2	2					
3	3		S.E by S.	S by W.		
4	2					
5	2					Large swell from South
6	1	1				
7	1	1	S.E by E.			
8	1	1				
9	2	1	S.W by W.	S by E		Mid. one d Lat. part.
10	3		S.S.E.	S.W. —		Dark-gloomy-squally
11	2					
12	1					weather with a very
1	1	1	South	W.S.W.		great fall of rain,
2	1	1				and unsteady Winds.
3	1	1				
4	1	1				
5	"			Calm		
6	"					In company with the
7	"					
8	4		S.W.	S.S.E		Sally
9	3		South	variable.		
10	3					
11	2	1				Lat. Obs. 3° 09' S.
12	2				1/4	

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S.by E.	42	41	6	3°06' S.	none allow^d	847	6.	67°19'	70°10' E. Lunar.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Sunday May 25th
1	1		South	North		Light Winds and Cloudy
2	1					
3	1			N.E.		Capt Williams of the Sally
4	1					sent his boat, and with
5	"			Calm		his & my people, they towed
6	"					the Brig. at a distance
7	"					from the Ship, which
8	"					the amazing swell that
9	"					day was heaving fast
10	"					afoul. of each other. —
11	4		S.S.E.	varies		Mid. part. Dark heavy
12	3			from West		
1	"		Calm	to North		weather & Calm.
2	"					
3	"					
4	"					
5	"					
6	"					
7	2	1	South	North		End, Moderate Breeze
8	4					and Squally with rain
9	2					
10	2					
11	2	1				Lat. Obs. 3°35' S.
12	3					

Course	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S.by E.	26	26	3	3°35' S.	none allow^d	850	3	67°22'	70°13' E.

Rett. Ms. from Str. N, Arabia towards America 1800.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Monday May 26th
1	1		South	North		Light Breezes and
2	1					pleasant Weather. —
3	1					
4	1	1				
5	2					Very large swell still from
6	2					
7	2					Southeastward.
8	2					
9	2					
10	3					
11	4					
69 12	4					at 6 A.M. saw a Ship
1	4			N.E.		to Windward steering to
2	3	1				Northwestward. —
3	3	1				
4	3	1				
5	4			East.		Sally in Company. —
6	4					
7	4	1				There has probably been a
8	4	1				Current to South this 24 hours
9	4					& North how Lat. Obs. 5° 02' S. —
10	4					
11	4					
12	4			E N E.		

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
South	85	85	—	5' South	none all 2	850.	none	67°22'	70°13' E Lunar.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Tuesday May 27th
1	1		South	North by East.		
2	2	1				Moderate Breezes and
3	3					squally with Showers of rain
4	3					and large swell as before.
5	3					
6	3					
7	3	1				
8	4					
9	4					
10	4					
11	4			E. S. E.		Fresh Breezes and cloudy
70 12	4					under short sail and a
1	5					good Look-out. ———
2	5					
3	5					
4	5					at day light made sail.
5	5					swell continues, wind steady.
6	5					
7	5					Sally in Company.
8	5					
9	5	1				Lat. Obs. 6° 46' S.
10	5	1				
11	6					
12	6					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
South	102	102	—	6°44' S	none all 2	850	——	67°22	70°13' E

Returns from N.E.N. Arabia towards America 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Wednesday May 28
1	6		South	East		Begins, Smart Breezes &
2	6					dark-squally-weather. —
3	5	1				
4	5	1				
5	6					
6	6					Mid. part. Heavy Winds
7	5					very dark & squally, with
8	5					a heavy incessant Rain
9	6					and heavy Thunder and
10	6					
11	7	1				lightning. under short
12	7	1				Sail; a heavy cross sea
1	5	1		from East to N.N.W.		running, at 8 A.M. more
2	5	1				clear, made more sail
3	5	1				Sally in Company.
4	5	1				
5	5		S.W. —	S.S.E.		No Obs^r ——
6	5		S.S.W.	S.E.		
7	5	—	South	East. —		
8	5					
9	3					
10	3			varies		
11	3					
12	3					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 3 W.	125	124	3	8° 50'	2 W^y	847	3	67° 19	S 0° 0 E

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday May 29
1	2		South	East.		Begins- Very squally with
2	1					Sharp Winds. at 1 P.M. Capt
3	1					Williams of the Sally came
4	2		S by W.	E.S.E.		on board at 4 returned
5	5	1				safe & pleasantly. ——
6	5					Wind increasing with a 72
7	5		S.S.W.			bad sea, at 8 P.M. close reef
8	5	1				top sails and Prey-sail,
9	5	1	S W by S.	S.E.		handed M.S. set. Mainstaysail.
10	6					Fresh Gale & a heavy sea. at
11	5	1				7 A.M. let one reef out t. Sails
12	5	1				Sally in sight, has shot ahead
1	4	1	S.S.W.	S.E. by E		of us.
2	4	1				
3	4	1				
4	4	1				
5	4	1	S by W.	"		
6	4	1				
7	4		S.S.W.	"		
8	4					
9	5					
10	5					
11	5					
12	5					

Const, think over reckoning last day — Lat. Obs^d 10° 12' S.

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 26 W	91.	82	40	10° 12' S	3 W^y	807-	41	66 38	69-29 E.

Remarks from Mt. E. Arabia towards America - 1806.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Friday May 30th
1	4		S.S.W.	S by E.	1/2 pt	Stiff Breezes, and a heavy
2	4					short sea -
3	4	1				
4	4	1				
5	5	1	S W by S.	S E		at 6 p m. let two reefs
6	5	1				out of Fore sail, sat the Idle
7	5	1				& M. F. M. Fore sail.
8	5	1				
9	5		S S W 1/2 W.			
10	5					
11	5					
73 12	5					Mid. part. Steady breezes
1	5	1		S E 1/2 E.		& hazy
2	5	1				
3	5	1				
4	5	1				Ends, Fresh Breezes, a short
5	6		S.S.W.	S E by E.		ugly sea & pleasant weather
6	6					
7	6					
8	6					Sally in Company. ——
9	5	1	S S W 1/2 W			
10	5	1	S W by S.			
11	6				1/2 pt	Lat. Obs. 11° 56' S.
12	6					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 32 W.	124	105	66	11° 57'	S 4° W	741	68'	65° 30'	68° 21' E.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Saturday May 31st
1	6		S W by S.	S. E. -	1/4 pt	Stiff Gales and Squally -
2	6					with a short heavy sea.
3	6					
4	6					Sally in Company.
5	6					
6	6					
7	6					
8	6					Heavy squalls and very
9	6					bad sea.
10	5	1				
11	5	1				
74. 12	5	1				
1	5					Now moderate and
2	5					Flying Clouds. ——
3	5					
4	5					
5	5					
6	5					
7	5					
8	5	1				
9	6					
10	6					
11	7				1/4 pt	Lat. Obs. 13° 46' South
12	7					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 34 W.	137	113	77	13° 49' S	5° W.	664	79-	64° 11'	67° 02' E.

Rem. ARd. from A.E.N. Arabia, towards America - 1806.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Sunday June 1st
1	6	1	SW by S.	S.E.		Begins Stiff Breezes &
2	6	1				heavy Hawr - - -
3	6	1				
4	6	1				
5	6	1				See continues very heavy
6	6	1				
7	7					
8	7					
9	7					
10	7					Fresh Gales & fine
11	7	.				
12	7					rain. ——— 75
1	6	1				
2	6	1				at 9 A.M. spoke the Sally
3	6	1				
4	6	1				see continues. ——
5	6					
6	6					Allow. Heave of the Sea
7	6					Leeway & Variation to
8	6					
9	5					be equal.
10	5					
11	5		SE by E.			Lat. Obs 15°46
12	5					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 34 W	150	124	84	15°30' S	2¾ pt.	580	87'	62°44'	65-35' E

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Monday June 2d
1	5		S SW.	SE by E.	3/4	Begins Fresh Breezes
2	5					heavy sea, and fleecy
3	5		Standing Sail	Standing House		weather with fine rain
4	5					
5	5	1				
6	5	1				
7	5	1				
8	5	1				
9	6					
10	6					
11	6			Moderate		More Moderate Let
12	5	1				reefs out t. Sails and
1	5	1				sat M. t. 9. S. —— 76.
2	5	1		Fresh Breezes		
3	6		Sails Handed			Sally in sight to
4	5					Leeward. ———
5	4					
6	5					Ended, Cloudy, & unsettled
7	5					hazy weather
8	5					
9	5			from E by E		
10	5	1				
11	6			to S by E.	3/4 pt.	Lat. Obs 17°48' S
12	6					

Course.	Dist.	Diff.lat.	Dep.	Lat. by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 21 W.	129.	120	46.	17°46'-	10 W.	534	48-	61°56'	64-47' E

Returns — from N.E.N. Arabia towards America — 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Tuesday June 3d —
1	4		S.W.	S.S.E.	1/4 pt.	Fresh Breezes & Cloudy
2	5					
3	3	1	S.W by S.			
4	3	1				
5	3	1				
6	3	1				
7	5	1	S.W. —			Mid & Lat. part. Steady
8	5	1				Breezes and fine clear
9	5		S.W ½ S.			weather. — —
10	4	1				
11	4	1				
12	4	1				
1	5					
2	5					Sally in Company. —
3	5					
4	5					
5	4	1				
6	4	1				
7	4	1				
8	4	1				
9	4	1	S.W.			
10	4	1				
11	4	1				
12	4	1			1/4 pt.	Lat. Obd — 19° 17' S.

77

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 35 W.	109	89.	62	19° 17'	3/4 pt.	472	65	60° 51'	63° 42' E

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Wednesday June 4th —
1	4		West. —	S.S.E.	1/2 pt.	Stiff Breezes & Clear. —
2	6	1	W.S.W.			
3	7					
4	7	1				at 6 P M. took in D. G. Sails
5	7					M.S. Staysails & Jibb. —
6	7					and Took 2 reefs in Greysail.
7	2	1	S.S.W ½ W.	S.E ½ S.		
8	2	1				
9	2	1	S.W by S.			in Company with the Sally.
10	2	1				
11	2	1				
12	2	1				
1	2	1		From		at 6 A M. Fresh Gales, close
2	3		S.W by W.	E.S.E.		reefd Top-Sails handed Grey
3	3			to		sail.
4	3			S.S.E.		
5	3		S.W.	— —	3 pts	
6	3					Ended Fresh Gales & Squally
7	5		W.S.W.	— — —	3 pts.	
8	6		W. by W. —		none	
9	6					
10	6					
11	6					Lat. Obd 20' South
12	6					

78

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 66 W.	101	41	92	19° 38' S	1 pt.	380.	97'	59° 11'	62° 05' E

Rec'd – from N.W.C.N. Arabia towards America – 1806

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Thursday June 5th
1	6		W.N.W.	S.S.E.		
2	4		S.W. by W.			Fresh Gales, squally with a heavy sea. at 2 took in T.G.S. at 3. T.S.S. & M.G.S. sent by by under T.G.m.S. & Jib, Main Stay sail & balanced Fry sail. —
3	3					
4	2	1	West, drift			
5	2					
6	2					
7	1	1				
8	1	1				
9	3		S.W. —	S.E.		
10	3	1				
11	3	1				
12	3	1				Middle part. More moderate Under T.S. close reef'd T.Sails & 2 reef'd Fry sail. — 79
1	4					
2	4					
3	5					
4	5					at 6 A.M. more squally & Wind & rain sent very heavy sea, Handed T. Sails, Laid reef'd Fry sail, at 9 A.M. hoisted T.S. and sent down R & M.T.G Yards. Sally not in sight.
5	5					
6	5					
7	4			From E by S		
8	3			to		
9	2	1	W.S.W. drift	S.E. by S.		
10	2	1				
11	2	1				
12	2	1				Lat. Obt 20°54' S.

Course.	Dist.	Diff. lat.	Dep.	Lat. by D.R.	Variation,	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
S 49 W	79	51	60	20°51' S	12° E	320	64'	58°07'	61°01' E

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Friday June 6th
1	2	1	W.S.W. drift	E.S.E.		
2	4		W ½ S.			Begins, Fresh Gales & a heavy sea lying by. —
3	6	1				
4	6	1				at ½ past 1 P.M. more moderate, made sail & kept her away. —
5	6	1				
6	6	1				
7	7					
8	7					
9	7					
10	7					
11	7					
12	7					
1	6	1	W by N.			Mid & Lat. part. Fresh Breezes and a heavy sea. ——— 80
2	6	1				
3	7					
4	7					
5	7					Lost Company of the Sally
6	7					
7	6					Heave of Sea & fell off course
8	5	1				direct.
9	5					Lat. Obt. — 21°09' S
10	5					
11	6					
12	6					

Course.	Dist.	Diff. lat.	Dep.	Lat. by D.R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.
S 82 W.	145	20	144	21°14' S.	13° —	176	154 —	55°33'	58°24' E —

Pett. 1820. from ... N.E.N. Arabia towards America 1800

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Saturday June 7th
1	5		W by N.	S.S.E.		Begins, Fresh Breezes
2	5					and fair weather
3	5					
4	5					
5	5					
6	5					
7	6	1	West. -			
8	6					Mid. part. Clear and
9	6					pleasant. ——
10	6					
11	6					
12	6					
1	7					
2	7					
3	6	1				
4	6	1				End. Moderate and
5	5					
6	5					squally with heavy
7	5			S.E. by E.		clouds & light rain
8	5					
9	5					
10	5	1	W by N.			No Observation.
11	5					
12	5					

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.
S 80 W	132	22	130	21° 31'	E 13° 46'	146	53° 13'	56° 07'	

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks on Sunday June 8th
1						
2						
3						
4						
5						
6						
7						
8						1834
9						
10						
11						
82 12						
1						
2						1834
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

from towards

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
1			Yes Said in times Long past I gone			
2			When Robert held the Scottish throne			
3			That over yon bold mural frowning cliff			
4						
5						
6						
7						
8			H. & R. Williams			
9						
10						
11						
12						
1						
2						
3				1833		
4						
5						
6						
7						
8			Ended Lake. C			
9						
10						
11				Ended.		
12						

Courſe.	Diſt.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7	24					
8						
9	4	7				
10						
11						
12						

Courſe.	Diſt.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

from *towards*

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
1			Land of the long			Kyrie Eleison Christe eleison
2						
3			Can on thy			wings lovely to the light
4						
5						
6			Of thee I sing=			While the cold hand of age
7						
8			As crushing all			thy glories in his flight=
9						
10			Still by gone days			return and breathe back
11						
12			To age's last			silent as the tomb=
1			Where learning			thine unceasing track
2						
3			Have shrunk			all the universal doom=
4			Let still a voice			speaks from thine dumb
5						
6			cold lid			
7			And bids me hold			communings with
8						
9			the dead=			
10						
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear.&Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
1						
2			The sun shines			fair on Andalusias plains
3						
4			And balmy gales			wash the verdant fields,
5						
6			& flowrets			breed exciting & joining vine reigns
7						Field
8			And nature			smile on towers & mead
9						
10			Where are			the mighty souls whose deathless fame
11						
12			Alone			rumoured as the blood a numerous host
1						
2			Where			nature's child was the glorious strife,
3			Of			dauntless hands their country's proudest boast=
4						
5			Alas! Alas!			where is their spirit flown.
6			Where			their honor and their country
7						gone
8						
9						
10						
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear.&Dist.

	from						towards
H	K	F	Courses.	Winds.	LEE-WAY.	Remarks	
1			Now yonder [illegible] hills and fretted clouds				
2			I see again, the wand'ring Moor reposed				
3			Here once more stand pure thin crushed tombs				
4			How dim this sight for ever ever closed -				
5			The breeze still sighs around the Alhambra walls				
6			And bears my spirit back to long gone days				
7			When echoing thro' these mouldering halls				
8			Was heard the song of love, and wild enchantment				
9			All hail ye ruins! grown the magic spell				
10			To charm the senses and the soul to gaze.				
11							
12							

Course.	Dist.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks	
1			Ye Sons	the mighty woman in his pride			
2			Rash Cowdly	Abe an Alpine torrent forth			
3			Ye saw	and cried not Thus rude Swede and			
4			The mail clad warriors of	this Land must fall			
5			But now in quiet	Calm resign you lord			
6			Death the Sable	Sick they rest in Valley low,			
7			Ye [illegible]	[illegible]			
8			Together hand in	hand with your native sod -			
9			Thus to await	without the silent tomb			
10			The last dread	day of Judgment and [illegible]			
11							
12							

Course.	Dist.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

from *from* *Storke Lann* *towards*

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
1						
2						
3						
4						
5						
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7						
8						
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10						
11						
12						
1						
2						
3						
4						
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7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

from *towards*

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
1						
2						
3						
4						
5						
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7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.

			from			towards
H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
1						
2			And may	it		not – and wake Morn
3			And	death		from off My face then veil
4						
5			Wreck	Cary		dale My drops and bitter sighs
6						
7			And	use		again to honor and to fame
8						
9			Awake	adate		The hour has come at last
10						
11			And	more	no	more in dust shall lowly lie
12						
1				awake		the day of slavery is past
2			And	then	shall	know My Country's wrongs
3						
4			All	vain	my	voice unheard, unknown
5						
6			On	deaf	ears	ears my accents fall
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
1						
2			I'll	ask		a god hold as thy children and
3						
4			Thy	name	shall	be dear to mercy heart
5						
6						
7			A	bright	eun	versions of thy romance
8						
9			And	nought	thy	name and poesy can paint
10						
11			And	rival	thy	shalls and crumbly towers
12						love to
1			The	poet's	pride	shall turn his lyre
2			And	chant	thy	requiem mid thy fading bowers
3						
4			While	thy	pair	cheeks shall blush and inspire
5			And	all	his	energies and powers combine
6						
7			To	sing	the	names whose Genius once was thine
8						
9						
10						
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

			from			*towards*
H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
1						
2			Seas for mans —			that nought on earth below
3			Can cast beyond			sight and
4						one fleeting hour
5			Wealth, honor,			throw
6						riches all the Magician
7			A Light and			airy ocean naked force
8						
9			Jade and decay			crushed by the slightest breath
10						
11			Which our			Sweeps and buys them low in dust
12						
1			Spread over			the dark pale of death
2						
3			And wants us			not on them to place our trust
4						
5			How deeply			strikes the moral to the heart
6						
7			When from			her proudest boasts depart
8						
9						
10						
11						
12						

Courſe.	Diſt.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
1						
2			And now methinks upon this			
3						
4			Spirit by			and gaudy mummery I leave
5						
6			Worldly			and calmly fancy
7						
8			And scanned			by the pale and cold moon
9						
10			I see the			genius of my country lift
11						
12			And			on her head with her
1						
2			Around			me peaceful and clear mirrors fit
3						
4			Around			some crescent				
5						
6			Without			her form, and bowed her head in
7						
8			The softly			murmurs				my dejected
9						
10						
11						
12						

Courſe.	Diſt.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
1						
2						
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4						
5						
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7						
8						
9						
10						
11						
12						

Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear.&Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
1						
2						
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4						
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9						
10						
11						
12						

Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear.&Diſt.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
1						
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6						
7						
8						
9						
10						
11						
12						

Courſe.	Diſt.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
1						
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11						
12						
1						
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3						
4						
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7						
8						
9						
10						
11						
12						

Courſe.	Diſt.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
1						
2						
3						
4						
5						
6						
7						76 grains Chloric Acid { Chlorine 36 gr.
8						
9						
10						
11						
12						
1			124 grains. Chlorate Potash {			
2						
3						48 grains Potash {
4						
5						
6						
7						
8						
9						
10						
11						
12						

Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear.&Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
1						
2						
3						
4						
5						
6						
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10						
11						
12						
1						
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3						
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7						
8						
9						
10						
11						
12						

Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear.&Diſt.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
1						
2						
3						
4						
5						
6						
7						
8						
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10						
11						
12						
1						
2						
3						
4						
5						
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8						
9						
10						
11						
12						

Courſe.	Diſt.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Diſt.	Diff. Long.	Long. in	Bear. & Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Courſe.	Diſt.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Diſt.	Diff. Long.	Long. in	Bear. & Diſt.

	from					*towards*	
H	K	F	Courses.	Winds.	LEE-WAY.	Remarks	
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

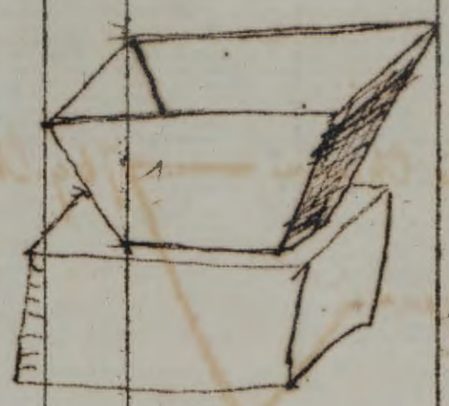
124 grains Chlorate Potash = 76 grains Chloric Acid + 48 grains Potash
76 grains Chloric Acid = 36 grains Chlorine + 40 Oxygen
48 grains Potash = 40 grains Potassium + 8 grains Oxygen
36 grains Chlorine + 40 Oxygen = 76 g. Chloride Pot.
40 grains Potassium + 8 grains Oxygen = 48 g. Oxygen
76 g. Chloride Pot. + 48 g. Oxygen = 124.
124 = 124

Table of Decomposition of Chlorate Potash.

124 gr. Ch.ate P.sh = 76 gr. Ch.ic Acid + 48 gr. Potash
76 gr. Ch.ic Acid = 36 gr. Chlorine + 40 gr. Oxygen
48 gr. Potash = 40 gr. Potass.m + 8 gr. Oxygen
36 gr. Chlorine + 40 gr. Potass.m = 76 g. Chloride Potash
76 g. Chloride Potash + 48 g. Oxygen

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						



1.60

120
3
360

350

900

900

Courſe.	Diſt.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

I. Williams from Hartford towards Deerfield Mass.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
1			N.	East.		Left at 6 o'clock. ballanced
2						but
3						
4						
5						
6			E.			
7				North		
8						
9						
10			N.			
11						
12			N. N. W.			
1						
2			N.			
3						
4				North West.		
5			N. W.			
6						
7						
8						
9			N. W.			
10						
11						
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
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Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

			from			*towards*
H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
1						
2						
3			To make Elixer Pro.			
4						
5						
6			Take 1/2 oz. myrrh. 1/2 oz aloes. and a little-			
7						
8			saffron. put to each 1/2 pt. spirit. steep three three days			
9						
10			in a warme oven and then mix them			
11						
12						
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10						
11			Blake			
12						

Courſe.	Diſt.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Diſt.	Diff. Long.	Long. in	Bear. & Diſt.
				21° 15'					

H	K	F	Courſes.	Winds	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Diſt.	Diff. Long.	Long. in	Bear. & Diſt.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear.&Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear.&Diſt.

from Barbadoes towards

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
1						
2			Hypo Sulphurous Acid			
3			Sulphurous Acid			
4			Sulphuric Acid			Sulphate Potash
5						Sulphite Potash
6						
7						
8						
9						Arsenic Acid
10						Arsenious Acid
11			Oxygen - Oxyde - Acid			Arseniate +
12						Arsenite
1						
2			Pro Toxide Manganese.			Salt - acid with a met.
3			Deutoxide Manganese			alkis base
4			Peroxide Manganese			
5						
6						
7			M	L	Chlate	
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Course.	Dist.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
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Course.	Dist.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.

from Aden Adiudan towards America towards Arabia

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
1						
2			Legends of the			Connecticut
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of Many historical and beautiful associations are connected with the valley of the Connecticut and its immediate vicinity. This was the scene of the fierce & hazardous struggle between the Indians, and many a bloody strife, and terrific struggle have mingled meadows and mountains. Nature has in no place been more prodigal of her gifts, than here - and in the long and beautiful summers day. the eye is charmed alternately by the waving cornfield, the cool grove, and the refreshing verdure of the meadow -

Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
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Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear.&Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear.&Diſt.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Diſt.	Diff. Long.	Long. in	Bear. & Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Diſt.	Diff. Long.	Long. in	Bear. & Diſt.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear.&Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear.&Diſt.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

S. Williams from Hartford Conn. towards Deerfield Mass.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks Dec 19th 1833
1						
2			N.	E.		Left at 5 o'clock. detained for
3						the southern mail. Breakfasted at
4			N. N. W.			Windsor - found snow reached Spring
5						field at 10 o clock. A.M. & pass:
6						cuyers. 1 additional ... Horrid
7				W.		
8			E.			Stage - wet feet - <u>fire</u> <u>horrid</u>
9						
10						Northampton 12 ½ P.M. Dined -
11			W.	N.W.		
12						Took 7 passengers & passengers.
1						
2			N.W.			Snow quite deep - Mountains very beautiful - covered
3						
4						with pine boughs loaden
5			N.	N.		with snow. Reached Hatfield
6						
7						at 2 ½ P.M. Bloody Brook 3 ½
8						
9						P.M. - Splendid Sleighing -
10						
11						Home at 4 ½ P.M. safe & sound.
12						

Course.	Dist.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
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Course.	Dist.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Diſt.	Diff. Long.	Long. in	Bear. & Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Diſt.	Diff. Long.	Long. in	Bear. & Diſt.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear.&Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear.&Diſt.

from Navarre towards Lisbon

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
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3			*Robert Isbitham*			
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Course.	Dist.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.

H	K	F	Courses.	Winds	LEE-WAY.	Remarks
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Course.	Dist.	Diff.lat.	Dep.	Lat. by D. R.	Variation.	M. Dist.	Diff. Long.	Long. in	Bear. & Dist.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

from				*towards*		
H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
1						
2						
3						
4						came from Norwich Eng land and
5						Settled at Roxbury Ao 1638.
6				1 Robert Williams		
7						
8				1 Isaac his second son - settled at Newton		
9						
10				2 Ephraim his ~~second~~ youngest son		
11						
12				3 Doct Thomas Williams. his second son		
1				settled at Deerfield = Esther		
2				4 Ephraim daughter of Williams mife		
3				is ther of Weston a discendant		
4						
5				5. John — Of Isaac 2d son of Robert Williams		
6						
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11						
12				Wilham G Williams		

Courſe.	Diſt.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.
							Williams		

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear.&Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear.&Diſt.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear.&Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear.&Diſt.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.by D. R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.by D. R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear.&Diſt.

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.byD.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear.&Diſt.

from *towards*

H	K	F	Courſes.	Winds.	LEE-WAY.	Remarks
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Courſe.	Diſt.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Diſt.	Diff. Long.	Long.in	Bear. & Diſt.

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from *towards*

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from *towards*

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from *towards*

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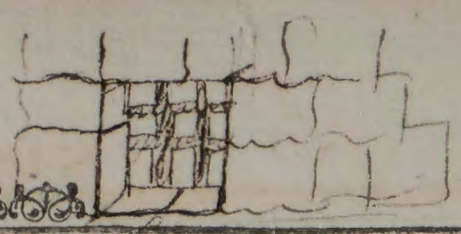

Medille

Dunkirk from Mediterranean towards Philadelphia

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Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

H	K	F	Courses.	Winds.	LEE-WAY.	Remarks
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Course.	Dist.	Diff.lat.	Dep.	Lat.by D.R.	Variation.	M.Dist.	Diff. Long.	Long.in	Bear. & Dist.

from *towards*

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